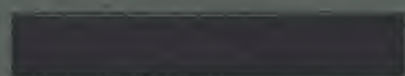


CATALOG



A.L.SWETT IRON WORKS

MEDINA • NY

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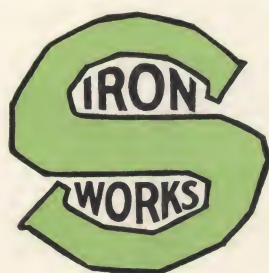
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Mike Jackson, FAIA

PLUMBING FITTINGS

BULLETIN No. 311



A. L. SWETT IRON WORKS

Established 1873

*Iron Castings
Brass Castings
General Machine Work*

Main Office and Factory

MEDINA, N. Y.



Second Supplement to Bulletin No. 311

PLUMBING FITTINGS

Superseding First Supplement dated July 1, 1933

UNIVERSAL BOILER STAND

No. 9

For Range Boilers

Cast Iron Base. Galvanized Malleable Tee

Packed in Individual Cartons



Fig. 623

Size No.	Height	Diam. Base	Top Thread	Tee Tapped	Weight Each	Price Each
9	14"	7 1/2"	1"	3/4" x 3/4"	6 lbs.	\$1.40

Can also furnish 3/4" x 1/2" Tee on Special Order

TAPPED BOILER RINGS

For Range Boilers

Pipe Extensions are Not furnished



Fig. 619

Size Inches	Fig. No.	Tapped I P S	For Boiler Size	Weight Each Lbs.	Price Each Plain	Price Each Galv.
12"	619	3/4"	30 gal.	4	\$.60	\$1.20
14"	619	3/4"	40 gal.	5 1/2	.76	1.52
16"	619	1"	52 gal.	9 1/2	1.00	2.00
18"	619	1"	66 gal.	11 1/2	1.90	3.80
20"	619	1"	82 gal.	14	2.80	5.60
22"	619	1 1/4"	100 gal.	17 1/2	3.40	6.80
24"	619	1 1/4"	120 gal.	21 1/2	5.20	10.40

Made of Cast Iron

HOT WATER HEATING COILS

Cast Iron

One-quarter curve. Will fit any furnace.

For use in heaters and hot air furnaces to supply hot water to range boilers or for auxiliary radiation in poorly heated room.

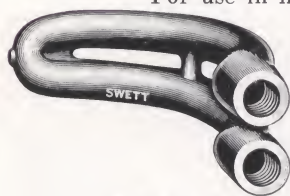


Fig. 564

Size No.	Fig. No.	Length Inches	Height Inches	C to C Tapped Holes	Tapped I P S	Weight Lbs.	Price Each
1	564	16	4 1/2	2 1/2	1"	12	\$2.80

Can be tapped for 3/4" pipe on special order. Suitable for 40 gallon range boiler or for 80 foot hot water radiator.

FIRE POT HEATER

Cast Iron

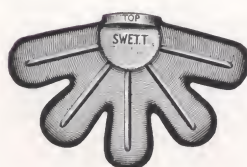
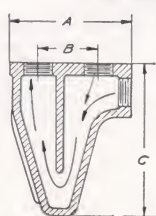


Fig. 621
For Use Above Fire



Size No.	Width	Height A	Projects C	C to C Holes	Tapp'd I P S	Weight	Price Each
3	10 1/2"	5 3/4"	6 1/4"	2 1/2"	1"	9 lbs.	\$4.50

Suitable for 40 gallon Range Boiler or for 80 foot Auxiliary Radiator.

A. L. SWETT IRON WORKS, MEDINA, N. Y.

CLOSET BENDS

4 inch Outlet

Right and Left Openings, Staggered

Tapped 1½" or 2" I P Size

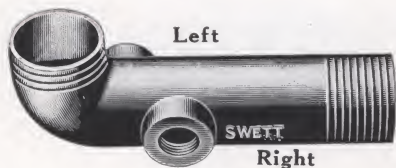


Fig. 555-T



Fig. 555-Y

Regularly furnished with Fig. 566 Floor Flange

Size Inches	Fig.	Length Overall	Height Overall	Tapped Inlets	Weight Each Lbs.	Price With Flange
4x4x16	554	17 ¾"	6 ½"	None	14	\$2.10
4x6x16	"	"	8 ½"	"	16	2.10
4x4x16	555-T	17 ¾"	6 ½"	2	16	2.35
4x6x16	555-T	"	8 ½"	2	18	2.35
4x4x16	555-Y	17 ¾"	6 ½"	2	22	2.80
4x6x16	555-Y	"	8 ½"	2	24	3.15

CLOSET BENDS—3 inch Outlet

3x4x16	555-T3	17 ¾"	6 ½"	2	16	2.35
3x4x16	546-T3	19 "	6 ½"	2	18	2.35

Fig. 554 is like Fig. 555-T but has no tapped outlets.

Fig. 555-T3 takes 4" No. 566 Floor Flange.

Fig. 546-T3 has 4" Hub Inlet—no flange required.

CLOSET FLOOR FLANGES

Cast Iron



Fig. 566
Half Slot



Fig. 567
Full Slot

Size	Fig. No.	Size Bend	Height Flange Inches	Outside Diam. Flange	Weight Each Lbs.	Price Each
4x2	566	4"	2	7"	3	\$.38
4x2	567	4"	2	7"	2	.38
4x2 ½	567	4"	2 ½	7"	2 ¾	.38
4x4	567	4"	4	7"	3 ⅝	.70
4x6	567	4"	6	7"	4 ⅝	1.30

Fig. 566 Flange regularly furnished with Fig. 554 and Fig. 555 Closet Bends.

SIDE OUTLET FLOOR DRAINS

Shallow drains for outdoor or indoor use where a seat is not needed.

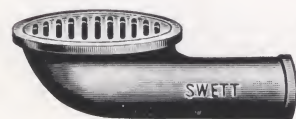


Fig. 633

Size	Diam. Top	Diam. Strainer	Depth Overall	Length Overall	Weight Lbs.	Price Each
2"	8"	6 ½"	4 ½"	14 "	10	\$2.00
3"	10"	8 ½"	6 "	17 ½"	22	5.00
4"	12"	10 ½"	7 "	19 ½"	34	6.80

FLOOR DRAIN—BALL TYPE

4" Water Seal

Extra Heavy—Cast Iron. Concealed Brass Cleanout.

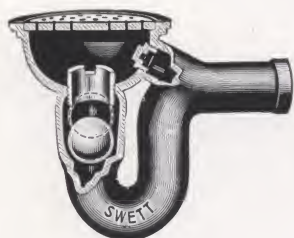


Fig. 634

Furnished with or without Insertable Ball Valve.

Size	Diam. Top	Diam. Str.	Depth Overall	Length Overall	Cleanout Symbol	Weight Lbs.	Price Complete	Without Ball Valve
2"	8"	6 1/2"	11"	13 1/2"	2T1621C	17	\$ 4.20	\$2.50
3"	10"	8 1/2"	13"	18 "	2T1621C	35	9.40	7.00
4"	12"	10 3/8"	15"	21 1/2"	2T161C	57	12.00	9.00

Reinforced strainers secured with brass screws.

ANTI-SYPHON P TRAP

Adjustable—Deep Seal

Cast Iron



Fig. 635

No.	Height Overall	Width Overall	Height Body	Diam. Body	Outlet Tapped	Inlet Tapped	Cleanout Symbol	Weight Lbs.	Price
1	8 1/4"	6 1/2"	4"	3"	1 1/2"	1 1/2"	2T1621C	5	\$1.10

1 1/2" Elbow only \$.30 each. 1 1/2" Brass Cleanout.

ANTI-SYPHON S TRAP

Adjustable—Deep Seal

Cast Iron

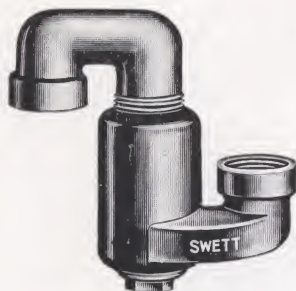


Fig. 636

No.	Height Overall	Width Overall	Height Body	Diam. Body	Outlet Tapped	Inlet Tapped	Cleanout Symbol	Weight Lbs.	Price
3	8"	8"	4"	3"	1 1/2"	1 1/2"	2T1621C	5 1/2	\$1.30

1 1/2" Return Bend only \$.50 each. 1 1/2" Brass Cleanout

ANTI-SYPHON SWIVEL TRAP

Adjustable—Cast Iron

Brass Union in Center

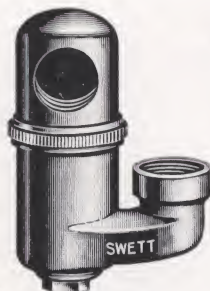


Fig. 637

No.	Height Overall	Width Overall	Height Body	Diam. Body	Outlet Tapped	Inlet Tapped	Cleanout Symbol	Weight Lbs.	Price
5	10 1/4"	6"	4"	3"	1 1/2"	1 1/2"	2T1621C	5	\$3.00

Especially useful in limited space.

POURING POTS

Cast Iron

For Calking Water Mains and Large Soil Pipes



Fig. 568

No.	Depth Inside	Diameter Outside	Capacity Lead	Weight Each	Price Each
1	6"	8 "	45 lbs.	14 lbs.	\$4.00
2	7"	9 1/2 "	90 lbs.	32 lbs.	6.00

Handles are made to give clearance for removing metal when cold.

PLAIN SWIVEL TRAPS

Cast Iron with Brass Cleanout

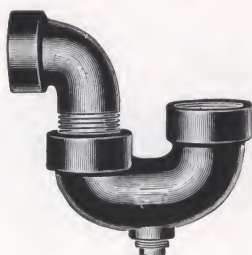


Fig. 616

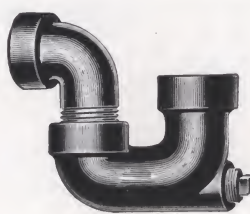


Fig. 617



Fig. 618

Female Inlet and Outlet

Size No.	Fig. No.	Thrded IPS	Length Overall	Height Overall	Length C to C	Weight Each	Price Each Plain	Price Each Galv.
1	616	1 1/2 "	7"	6 1/2 "	3 1/2 "	4 1/3 lbs.	\$1.20	\$1.70
2	617	1 1/2 "	7"	6 1/2 "	3 1/2 "	4 1/3 lbs.	1.20	1.70
3	618	1 1/2 "	7"	6 1/2 "	3 1/2 "	4 lbs.	1.50	2.00

No. 3, Fig. 618 has 1 1/2 " Slip Joint Inlet. Other sizes are tapped.

RETURN BENDS

For Use with 4x5 Drum Trap, Fig. 448

Male Inlet—Female Outlet



Fig. 615

Size	Fig. No.	Threaded IPS	Length C to C	Weight Each	Price Plain	Price Galv.
1 1/2 x6	615	1 1/2	6"	2 1/2 lbs.	\$.60	\$1.00
1 1/2 x8	615	1 1/2	8"	3 1/2 lbs.	1.30	2.00

Made of Cast Iron

FURNACE CHECK DAMPERS

Cast Iron

For use on Sheet Iron Furnace Pipe.

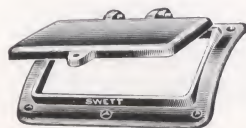


Fig. 565

No.	Fig. No.	Size Inches	Fits Furnace Pipe	Weight Each	Price Each
1	565	5x11	6" - 7" - 8"	3 1/2 lbs.	\$.76
2	565	5 3/4 x12	9" - 10" - 12"	4 lbs.	.80

S I N C E 1 8 7 3**T**HE A. L. SWETT IRON WORKS

has been engaged in the manufacture and distribution of iron and steel products for the Plumbing and Building Industries. A large well equipped plant, illustrated on the front page of this bulletin, makes possible the manufacture of a large variety of work both light and heavy. The large building at the right is the foundry, thoroughly equipped with electric travelling cranes, large core ovens, modern molding machines and sand blast equipment. To the left of the foundry and parallel to it is the machine shop also equipped with electric travelling cranes, electric welding machines, lathes, planers, boring mills, punch presses and other modern machinery necessary for general machine shop practice. At the front is the pattern shop, office and shipping department. The entire basement floor of the main building, in the center, is given over to storage bins which hold the large numbers of finished articles always kept in stock for immediate shipment. To the extreme left, is shown a three story building given over entirely to storage of customers' patterns and miscellaneous materials of many kinds. The total floor space covered is over 115,000 square feet.

Special jobbing work of all kinds is always sought for manufacture in addition to the catalogue items illustrated.

SWETT BACKWATER TRAPS

Extra Heavy

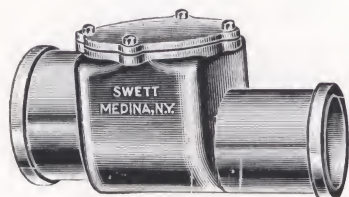


Fig. 520

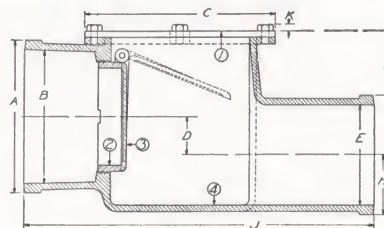


Fig. 521

PART LIST

1—Cover. 2—Flap Ring. 3—Flap Valve. 4—Body.

These Traps are designed to prevent water from the street sewers backing up into house mains, during periods of high water, from surface drains. Body and Cover are cast iron. Cover is secured by brass bolts which cannot rust. Flap Valve and Ring are of brass. Flap Ring is screwed securely into cast iron body thus making both Flap and Ring removable for repairs or replacement. Flap Valve is raised well above bottom of the trap to provide ample clearance for sludge to escape, which might otherwise interfere with the operation of the valve. Flap Valve is hinged by removable brass pin. Made extra heavy but will fit both standard and extra heavy soil pipe.

SPECIFICATIONS

Fig. 520 and Fig. 521

Dimensions in Inches

Size inches	Fig. No.	A	B	C	D	E	F	G	H	J	K	Weight Each	Price Each
2	520	4 $\frac{1}{8}$	3 $\frac{3}{16}$	5 $\frac{3}{8}$	1	2	2 $\frac{1}{8}$	2 $\frac{3}{4}$	1 $\frac{3}{8}$	10 $\frac{7}{8}$	$\frac{5}{16}$	12 lbs.	\$ 8.20
3	"	5 $\frac{1}{8}$	4 $\frac{3}{16}$	6 $\frac{5}{8}$	1	3	2 $\frac{1}{8}$	3 $\frac{3}{4}$	2 $\frac{3}{8}$	12 $\frac{7}{8}$	$\frac{5}{16}$	20 "	10.00
4	"	6 $\frac{1}{8}$	5 $\frac{3}{16}$	7 $\frac{1}{2}$	1 $\frac{1}{4}$	4	2 $\frac{5}{8}$	4 $\frac{3}{4}$	2 $\frac{3}{8}$	13 $\frac{7}{8}$	$\frac{5}{16}$	25 "	10.70
6	"	8 $\frac{1}{8}$	7 $\frac{3}{16}$	10	1 $\frac{1}{4}$	6	2 $\frac{5}{8}$	6 $\frac{3}{4}$	3 $\frac{3}{8}$	17 $\frac{1}{2}$	$\frac{5}{16}$	45 "	14.00
8	"	10 $\frac{7}{8}$	9 $\frac{1}{2}$	12 $\frac{1}{2}$	1 $\frac{1}{2}$	8	3	8 $\frac{7}{8}$	4 $\frac{7}{16}$	20 $\frac{1}{2}$	$\frac{5}{16}$	74 "	30.00

Dimensions are approximate only.

REPAIR PART PRICES

Size	2"	3"	4"	6"	8"
1—COVER	\$1.18	\$1.50	\$1.84	\$2.66	\$3.34
2—FLAP RING	1.84	2.18	2.50	3.50	4.50
3—FLAP VALVE	1.50	1.84	2.18	3.00	4.00

Four Brass Bolts size $\frac{3}{8}$ " x $\frac{3}{4}$ " are used on each size.

Price \$2.00 per set.

DRUM TRAPS

DRUM TRAPS—Bottom Inlet

Cast Iron Body. Nickel Plated Cover.

Furnished with 1½" IP tapped opening at side and bottom for single floors. Distance from cover to center of top opening 2⅞". Can furnish 1¼" or 2" IP tapping on special order.



Fig. 448

SIZE 4 x 5¼ Fig. 448

Outside Diam. Inches	Height Body Inches	Cover Symbol	Size Cover Opening	Regular Tapped Opening	Weight Each Lbs.	Price Each	Weight Cover	Weight Body
4	5¼"	5D448C	3" IP	1½" IP	4¾"	\$2.25	14 oz.	3¾ lbs.

DRUM TRAPS—Side Inlet

Cast Iron Body. Nickel Plated Cover.



Fig. 450



Fig. 451



Fig. 462



Fig. 463



Fig. 464

Regularly furnished with 1½" IP tapped openings. Can furnish 1¼" and 2" IP tapping on special order. Regularly furnished for single floors with center of upper tapped opening 2⅞" below flange cover. Can be furnished on special order for double floors with center of upper tapped opening 2⅞" below cover.

SIZE 4 x 8 Figs. 450, 451, 462, 463, 464

Outside Diameter Inches	Height Body Inches	Cover Symbol	Size Cover Opening	Regular Tapped Opening	Weight Each Lbs.	Price Each With 2 Openings	Price Each Additional Opening
4	8	5D448C	3" IP	1½" IP	6¼	\$2.50	\$.25

Other positions for the tapped openings can be furnished when so ordered. Send sketch showing requirements.

DRUM TRAP COVERS—Nickel Plated

Symbol	Finish	Size Cover	Threaded Size	Threads Per Inch	Number Full Threads	Thickness	Type Nut	Height Nut	Width Nut	Weight Each	Price Each
5D448C	N. P.	5"	3" IP	8	2	⅜"	Hex.	⅜"	1¼"	14 oz.	\$1.15

Countersunk Nut Covers \$.45 ea. extra. Rough Brass Covers, deduct \$.25 ea.

BATH TRAPS

Ohio Pattern

Have 3 openings tapped 1½" IP size. Nickel Plated Brass Cover tapped to receive 1½" IP Nipple extension piece.

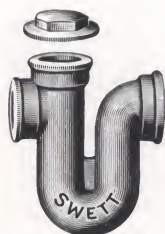


Fig. 545

Size Inches	Width Inches	Height Inches	Weight Each	Price Each Body Only	Price With N. P. Cover
1½	5¾	6¾	3½ lbs.	Plain 1.25 Galv. 1.90	Plain 1.65 Galv. 2.30

STACK BASE FITTINGS

Cast Iron

Y AND EIGHTH BENDS

FIG. 543—ANGLE CLEANOUT BASE



Fig. 543

Extra Heavy

Size Hub Inches	Height Overall Inches	Length Overall Inches	Size Plug	Hub to Bracket	Weight Each	Price Each
4	15½	18	3½" IP	11½"	28 lbs.	\$3.60

Brass Cleanout Plug 3½" IP size will admit test plug. Made with 4" Hub and 4" Spigot. Spigot will also fit standard 4" hub.

FIG. 544—VERTICAL CLEANOUT BASE

Extra Heavy

Size Hub Inches	Height Overall Inches	Length Overall Inches	Size Plug	Hub to Bracket	Weight Each	Price Each
4	16½	18	3½" IP	10¼"	31 lbs.	\$3.60

Brass Cleanout Plug 3½" IP size will admit test plug. Can be used at foot of any stack. Made with 4" Hub and 4" Spigot. Spigot will also fit standard 4" hub.



Fig. 544

INSERTABLE JOINT

Fig. 542

Cast Iron with Lead Ring

Sisson Pattern



Fig. 542

Useful for replacing broken lengths of pipe or inserting new fittings into old lines without springing the stack or breaking the joints. The lead ring rests on an internal flange which has an opening large enough to take Standard or Extra Heavy Soil Pipe with the spigot bead removed. The repair length is allowed to slide past the lead ring as far as it will go into the insertable joint. Both pieces are then placed in position with the spigot end of the joint fitted to the lower hub. The repair length is then raised into position and securely held in place by swedging the lead ring tight. Both joints are then caulked to complete the repair.

Size	Length Inches	Weight Each	Price Each
2" STD	14¼	8 lbs.	\$1.40
2" XH	14½	9½ "	1.50
3" STD	14¼	9½ "	1.70
3" XH	14½	13½ "	1.90
4" STD	14½	14½ "	1.80
4" XH	14½	18½ "	2.00
5" STD	14½	18½ "	2.70
5" XH	14½	25 "	3.00
6" STD	14½	22 "	3.20
6" XH	14½	27 "	3.50

CLEANOUT TEES

Iron Bodies. Brass Covers.

STANDARD DANDY CLEANOUT



Fig. 177

Iron Body. Brass Flanged
Screw Cover with Raised
Nut and Two Threads.

FLANGED COVER—FULL OPENING FOR TEST PLUG

Fig.	Size Inches	Length Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each Complete
177	2	8 $\frac{7}{8}$	2" IP	2T160C	$\frac{7}{8}$	4	\$1.00
"	3	10 $\frac{3}{4}$	2 $\frac{7}{8}$ " Dia.	3T160C	$\frac{1}{2}$	8	1.40
"	4	11 $\frac{1}{2}$	3 $\frac{1}{2}$ " IP	4T160C	$\frac{5}{8}$	9	1.80
"	5	13 $\frac{1}{2}$	4 $\frac{1}{2}$ " IP	5T160C	$\frac{5}{8}$	14	3.00
"	6	14 $\frac{1}{2}$	5 $\frac{1}{2}$ " IP	6T160C	$\frac{5}{8}$	16	4.00

EXTRA HEAVY DANDY CLEANOUT

FLANGED COVER—FULL OPENING FOR TEST PLUG

Fig.	Size Inches	Length Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each Complete
178	2	9 $\frac{3}{8}$	2" IP	2T160C	$\frac{1}{4}$	6 $\frac{1}{2}$	\$1.20
"	3	10 $\frac{7}{8}$	2 $\frac{7}{8}$ " Dia.	3T160C	$\frac{1}{2}$	9	1.60
"	4	12	3 $\frac{1}{2}$ " IP	4T160C	$\frac{5}{8}$	12 $\frac{1}{2}$	2.00
"	5	13 $\frac{1}{2}$	4 $\frac{1}{2}$ " IP	5T160C	$\frac{5}{8}$	19	3.50
"	6	14 $\frac{1}{2}$	5 $\frac{1}{2}$ " IP	6T160C	$\frac{5}{8}$	26 $\frac{1}{2}$	4.40
"	8	17 $\frac{1}{2}$	7 $\frac{1}{16}$ " Dia.	8T160C	1	62	12.70

(Meets Minneapolis Code.)



Fig. 178

Iron Body. Brass Flanged
Cover with Raised Nut
and Two Threads.

STANDARD DANDY CLEANOUT

PLUG COVER—FULL OPENING FOR TEST PLUG



Fig. 184

Iron Body. Brass Plug
Cover with Raised Nut.
Five Full Threads.

Fig.	Size Inches	Length Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each Complete
184	2	8 $\frac{7}{8}$	2" IP	2T161C	$\frac{1}{2}$	4	\$1.00
"	3	10 $\frac{3}{4}$	2 $\frac{7}{8}$ " Dia.	3T161C	$\frac{1}{2}$	8	1.40
"	4	11 $\frac{1}{2}$	3 $\frac{1}{2}$ " IP	4T161C	$\frac{5}{8}$	9	1.60
"	5	13 $\frac{1}{2}$	4 $\frac{1}{2}$ " IP	5T161C	$\frac{5}{8}$	14	3.00
"	6	14 $\frac{1}{2}$	5 $\frac{1}{2}$ " IP	6T161C	$\frac{5}{8}$	16	4.00

EXTRA HEAVY DANDY CLEANOUT

PLUG COVER—FULL OPENING FOR TEST PLUG

Fig.	Size Inches	Length Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each Complete
185	2	9 $\frac{3}{8}$	2" IP	2T161C	$\frac{1}{2}$	6 $\frac{1}{2}$	\$1.20
"	3	10 $\frac{7}{8}$	2 $\frac{7}{8}$ " Dia.	3T161C	$\frac{1}{2}$	9	1.60
"	4	12	3 $\frac{1}{2}$ " IP	4T161C	$\frac{5}{8}$	12 $\frac{1}{2}$	1.90
"	5	13 $\frac{1}{2}$	4 $\frac{1}{2}$ " IP	5T161C	$\frac{5}{8}$	19	3.50
"	6	14 $\frac{1}{2}$	5 $\frac{1}{2}$ " IP	6T161C	$\frac{5}{8}$	26 $\frac{1}{2}$	4.40
"	8	17 $\frac{1}{2}$	7 $\frac{1}{16}$ " Dia.	8T162C	1	62	12.70



Fig. 185

Iron Body. Brass Plug
Cover with Raised Nut.
Five Full Threads.



Fig. 195

Boston Regulation
Iron Body. Brass Plug
Cover with Raised Nut
1 inch high. Six Full
Threads.

BOSTON REGULATION XH CLEANOUT

PLUG COVER—FULL OPENING FOR TEST PLUG—NUT 1 INCH HIGH

Fig.	Size Inches	Length Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each Complete
195	2	9 $\frac{3}{8}$	2" IP	2T162C	1	8	\$1.30
"	3	10 $\frac{7}{8}$	3 $\frac{1}{16}$ " Dia.	3T162C	1	10	1.70
"	4	12	3 $\frac{1}{2}$ " IP	4T162C	1	13	2.10
"	5	13 $\frac{1}{2}$	4 $\frac{1}{2}$ " IP	5T162C	1	14	3.70
"	6	14 $\frac{1}{2}$	5 $\frac{1}{2}$ " IP	6T162C	1	24	4.60
"	8	17 $\frac{1}{2}$	7 $\frac{1}{16}$ " Dia.	8T162C	1	62	13.20

END CLEANOUTS

Iron Bodies. Brass Covers.

STANDARD TRAP SCREW FERRULES

PLUG COVER

Full Opening for Test Plug



Fig. 161

Iron Body. Brass
Plug Cover with
Hollow Raised
Nut. Five
Threads.

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each Complete
161	2	3	2" IP	2T161C	$\frac{7}{16}$	1 $\frac{1}{4}$	\$.40
"	3	3	2 $\frac{7}{8}$ " Dia.	3T161C	$\frac{7}{16}$	2	.60
"	4	3 $\frac{1}{4}$	3 $\frac{1}{2}$ " IP	4T161C	$\frac{5}{8}$	2 $\frac{1}{2}$	.74
"	5	3 $\frac{1}{4}$	4 $\frac{1}{2}$ " IP	5T161C	$\frac{5}{8}$	4	1.50
"	6	3 $\frac{1}{4}$	5 $\frac{1}{2}$ " IP	6T161C	$\frac{5}{8}$	5	2.00
"	8	3 $\frac{1}{2}$	7 $\frac{1}{16}$ " Dia.	8T162C	1	10	5.00

Countersunk Nut Covers furnished at 25% extra.

STANDARD TRAP SCREW FERRULES

PLUG COVER

Small Opening, Iron Pipe Sizes

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
161 $\frac{1}{2}$	2	2 $\frac{7}{8}$	1 $\frac{1}{2}$ " IP	2T1621C	$\frac{5}{8}$	1	\$.36
"	3	3	2 $\frac{1}{2}$ " IP	3T1621C	$\frac{5}{8}$	2	.54
"	4	3	3" IP	4T1621C	$\frac{5}{8}$	2 $\frac{1}{4}$	.60
"	5	3 $\frac{1}{4}$	4 $\frac{1}{2}$ " IP	5T161C	$\frac{5}{8}$	4	1.30
"	6	3 $\frac{3}{8}$	5" IP	6T161 $\frac{1}{2}$ C	$\frac{5}{8}$	5	1.75
"	8	3 $\frac{3}{8}$	5" IP	6T161 $\frac{1}{2}$ C	$\frac{5}{8}$	9 $\frac{1}{4}$	4.90



Fig. 161 $\frac{1}{2}$

Iron Body. Brass
Plug Cover with
Hollow Raised
Nut. Five
Threads.

STANDARD TRAP SCREW FERRULES

FLANGE COVER

Full Opening for Test Plug



Fig. 160

Iron Body. Brass
Flange Cover with
Hollow Raised
Nut. Two
Threads.

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
160	2	3	2" IP	2T160C	$\frac{7}{16}$	1	\$.40
"	3	3	2 $\frac{7}{8}$ " Dia.	3T160C	$\frac{7}{16}$	2 $\frac{1}{4}$	.60
"	4	3 $\frac{1}{4}$	3 $\frac{1}{2}$ " IP	4T160C	$\frac{5}{8}$	2 $\frac{1}{2}$	.74
"	5	3 $\frac{1}{4}$	4 $\frac{1}{2}$ " IP	5T160C	$\frac{5}{8}$	3	1.50
"	6	3 $\frac{1}{4}$	5 $\frac{1}{2}$ " IP	6T160C	$\frac{5}{8}$	5	2.00
"	8	3 $\frac{1}{2}$	7 $\frac{1}{16}$ " Dia.	8T160C	1	10	5.00

Countersunk Nut Covers furnished at 25% extra. (Meets Minneapolis Code.)

STANDARD TRAP SCREW FERRULES

FLANGE COVER

Small Opening, Iron Pipe Sizes

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
160 $\frac{1}{2}$	2	2 $\frac{7}{8}$	1 $\frac{1}{2}$ " IP	2T160 $\frac{1}{2}$ C	$\frac{3}{8}$	1	\$.36
"	3	3	2 $\frac{1}{2}$ " IP	3T160 $\frac{1}{2}$ C	$\frac{3}{8}$	2	.54
"	4	3	3" IP	4T160 $\frac{1}{2}$ C	$\frac{3}{8}$	2 $\frac{1}{4}$	.60
"	5	3 $\frac{1}{4}$	4 $\frac{1}{2}$ " IP	5T160C	$\frac{5}{8}$	3	1.30
"	6	3 $\frac{3}{8}$	5" IP	6T160 $\frac{1}{2}$ C	$\frac{5}{8}$	5	1.75
"	8	3 $\frac{3}{8}$	5" IP	6T160 $\frac{1}{2}$ C	$\frac{5}{8}$	9 $\frac{1}{4}$	4.90



Fig. 160 $\frac{1}{2}$

Iron Body. Brass
Flange Cover with
Hollow Raised
Nut. Two
Threads.

END CLEANOUTS

STANDARD TRAP SCREW FERRULES

DETROIT CODE

Plug Cover

Iron Pipe Sizes

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
434	2	2 $\frac{7}{8}$	1 $\frac{1}{2}$ " IP	2T434C	$\frac{1}{2}$	1 $\frac{1}{8}$	\$.66
"	3	3	2 $\frac{1}{2}$ " IP	3T434C	$\frac{5}{8}$	2 $\frac{1}{4}$	.90
"	4	3 $\frac{1}{4}$	3 $\frac{1}{2}$ " IP	4T434C	$\frac{3}{4}$	3 $\frac{1}{4}$	1.30
"	5	3 $\frac{3}{4}$	4 $\frac{1}{2}$ " IP	5T434C	$\frac{13}{16}$	4 $\frac{3}{4}$	2.20
"	6	3 $\frac{3}{8}$	5" IP	6T434C	$\frac{13}{16}$	6	2.80
"	8	3 $\frac{1}{2}$	7 $\frac{11}{16}$ " Dia.	8T434C	1	9 $\frac{3}{4}$	6.60



Fig. 434

Iron Body. Red Brass Plug Cover with Square Hollow Raised Nut. Six Full Threads.

Countersunk Nut Covers furnished at 25% extra.

EXTRA HEAVY TRAP SCREW FERRULES

BOSTON AND OHIO CODE—NEW YORK REGULATION

Plug Cover—Nut 1 inch High

Full Opening for Test Plug



Fig. 162

Iron Body. Brass Cover with Hollow Hex Raised Nut One Inch High. Six Full Threads.

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
162	2	4	2" IP	2T162C	1	2	\$.50
"	3	4	3 $\frac{1}{16}$ " Dia.	3T162C	1	3 $\frac{1}{2}$	.72
"	4	4	3 $\frac{1}{2}$ " IP	4T162C	1	4	.90
"	5	4	4 $\frac{1}{2}$ " IP	5T162C	1	5 $\frac{1}{2}$	1.80
"	6	4	5 $\frac{1}{2}$ " IP	6T162C	1	7	2.40
"	8	4	7 $\frac{11}{16}$ " Dia.	8T162C	1	11	5.50
"	10	4	9" Dia.	10T162C	1 $\frac{1}{8}$	15	10.00
"	12	4	11" Dia.	12T162C	1 $\frac{1}{8}$	21 $\frac{1}{2}$	16.00

Countersunk Nut Covers furnished at 25% extra.

EXTRA HEAVY TRAP SCREW FERRULES

NEW YORK CITY REGULATION

Plug Cover—Solid Nut 1 inch High

Full Opening for Test Plug

These Ferrules are the same as Figure 162 described above except that they have solid nuts. The list prices are as follows:

Size Inches	Price Each	Size Inches	Price Each
2"	\$.64	6"	\$ 2.60
3"	.90	8"	5.80
4"	1.10	10"	10.60
5"	2.00	12"	16.80



Fig. 1620

Iron Body. Brass Cover with Solid Hex Raised Nut One Inch High. Six Full Threads.

END CLEANOUTS



Fig. 1621

Iron Body. Brass Cover with Hollow Hex Raised Nut One Inch High. Five Full Threads.

EXTRA HEAVY TRAP SCREW FERRULES

NEW YORK COMPETITION

Plug Cover

Small Opening, Iron Pipe Sizes

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
1621	2	4	1 1/2" IP	2T1621C	5/8	1 3/4	\$.40
"	3	4	2 1/2" IP	3T1621C	5/8	2 1/2	.60
"	4	4	3" IP	4T1621C	5/8	3 1/4	.74

For Larger Sizes use Fig. 162.

EXTRA HEAVY TRAP SCREW FERRULES

MILWAUKEE CODE

Plug Cover

Full Opening for Test Plug

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
413	2	4	2" IP	2T413C	3/4	2 1/2	\$.54
"	3	4	3 1/16" Dia.	3T413C	3/4	3 3/4	.80
"	4	4	3 1/2" IP	4T413C	3/4	4 3/4	.96
"	5	4	4 1/2" IP	5T413C	3/4	6	1.90
"	6	4	5 1/2" IP	6T413C	3/4	8 1/2	2.50
"	8	4	7 1/16" Dia.	8T413C	3/4	12 1/2	5.60



Fig. 413

Iron Body. Brass Cover 3/8" Thick with Hex Raised Nut. Five Full Threads.



Fig. 422

Iron Body. Brass Cover with Hex Raised Nut. Six Full Threads.

EXTRA HEAVY TRAP SCREW FERRULES

BALTIMORE CODE

Plug Cover

Extra Heavy

Fig.	Size Inches	Height Body Inches	Size Cover Opening	Cover Symbol	Height Nut Inches	Weight Each Lbs.	Price Each
422	2	3 1/4	2" IP	2T162C	1	2	\$.44
"	3	3 1/4	3 1/16" Dia.	3T162C	1	3	.66
"	4	3 1/4	3 1/2" IP	4T162C	1	3 1/4	.80

For Larger Sizes use Fig. 162.

EXTENSION FERRULES

With Brass Cleanout Plug

Extra Heavy, Fits Soil Pipe Hub

Size Inches	Length Inches	Style Cover	Weight Each, Lbs.	Cover Size	Price Each
3	12	Plug	11	3" IP	\$1.92
4	12	Plug	15	3" IP	2.28



Fig. 1650

BRASS SCREW COVERS

For Cleanout Tees and End Cleanouts

FLANGE COVERS

Brass

All brass covers have hollow nuts unless otherwise indicated.

Symbol	Ferrule Size	Cover Size	Threads Per Inch	Number Full Threads	Thick-ness Inches	Type of Nut	Height Nut Inches	Width Nut Inches	Weight Each	Price Each
2T160C	2	2" IP	11½	2	1/8"	Square	7/16	1 3/8	4 oz.	\$.24
3T160C	3	2 7/8" Dia.	8	2	1/8"	"	1 1/2	1	8 oz.	.36
4T160C	4	3 1/2" IP	8	2	1/8"	"	5/8	1 1/8	12 oz.	.44
5T160C	5	4 1/2" IP	8	2	1/8"	"	5/8	1 1/2	1 lb.	.90
6T160C	6	5 1/2" IP	8	2	1/8"	"	5/8	1 3/8	1 3/4 lbs.	1.20
8T160C	8	7 1/16" Dia.	8	2	1/8"	"	1	2 1/4	3 3/4 lbs.	3.00
Countersunk Nuts for above 35% extra.										
2T160½C	2	1 1/2" IP	11½	2	3/32"	Square	3/8	3/4	4 oz.	.22
3T160½C	3	2 1/2" IP	8	2	3/32"	"	3/8	1	7 oz.	.32
4T160½C	4	3" IP	8	3	3/32"	"	3/8	1 1/8	8 oz.	.36
6T160½C	6	5" IP	8	3	3/32"	"	5/8	1 1/2	1 3/4 lbs.	1.06

PLUG COVERS

Brass

All brass covers have hollow nuts unless otherwise indicated.

Symbol	Ferrule Size	Cover Size	Threads Per Inch	Number Full Threads	Thick-ness Inches	Type of Nut	Height Nut Inches	Width Nut Inches	Weight Each	Price Each
2T161C	2	2" IP	11½	5	1/8"	Hex	1/2	1 1/16	4 oz.	\$.24
3T161C	3	2 7/8" Dia.	8	5	1/8"	"	1 1/2	1 1/8	8 oz.	.36
4T161C	4	3 1/2" IP	8	5	1/8"	"	5/8	1 1/8	12 oz.	.44
5T161C	5	4 1/2" IP	8	5	1/8"	"	5/8	1 3/8	1 1/4 lbs.	.90
6T161C	6	5 1/2" IP	8	5	1/8"	"	5/8	1 3/8	1 3/4 lbs.	1.20
Countersunk Nuts for above 35% extra.										
6T161½C	6	5" IP	8	5	1/8"	Hex	5/8	1 1/2	1 3/4 lbs.	1.06
2T162C	2	2" IP	11½	6	1/8"	Hex	1	1 3/8	8 oz.	.30
3T162C	3	3 1/16" Dia.	8	6	1/8"	"	1	1 3/8	12 oz.	.44
4T162C	4	3 1/2" IP	8	6	1/8"	"	1	1 3/8	15 oz.	.54
5T162C	5	4 1/2" IP	8	6	1/8"	"	1	1 3/8	1 1/2 lbs.	1.08
6T162C	6	5 1/2" IP	8	6	1/8"	"	1	1 3/8	1 3/4 lbs.	1.44
8T162C	8	7 1/16" Dia.	8	6	1/8"	"	1	2 1/4	3 1/2 lbs.	3.30
10T162C	10	9 1/4" Dia.	8	6	1/8"	Square	1 1/8	2	4 1/4 lbs.	6.00
12T162C	12	11 1/4" Dia.	8	6	1/8"	"	1 1/8	2	8 lbs.	9.60

Countersunk Nuts for above 35% extra.

1620C—All 1620C covers are duplicates of 162C covers except that nuts are solid and prices are 15% higher.

2T1621C	2	1 1/2" IP	11½	5	3/32"	Hex	5/8	1 1/4	5 oz.	\$.24
3T1621C	3	2 1/2" IP	8	5	3/32"	"	5/8	1 1/4	7 oz.	.36
4T1621C	4	3" IP	8	5	3/32"	"	5/8	1 3/16	10 oz.	.44
2T413C	2	2" IP	11½	5	3/16"	Hex	3/4	1 3/8	14 oz.	.38
3T413C	3	3 1/16" Dia.	8	5	3/16"	"	3/4	1 3/8	1 1/4 lbs.	.56
4T413C	4	3 1/2" IP	8	5	3/16"	"	3/4	1 3/8	1 1/2 lbs.	.68
5T413C	5	4 1/2" IP	8	5	3/16"	"	3/4	1 3/8	2 lbs.	1.34
6T413C	6	5 1/2" IP	8	5	3/16"	"	3/4	1 3/8	2 3/4 lbs.	1.76
8T413C	8	7 1/16" Dia.	8	5	3/16"	"	3/4	2 1/4	5 1/2 lbs.	4.00
2T434C	2	1 1/2" IP	11½	6	3/16"	Square	1/2	3/4	5 oz.	.36
3T434C	3	2 1/2" IP	8	6	3/16"	"	5/8	1 1/4	13 oz.	.60
4T434C	4	3 1/2" IP	8	6	3/16"	"	3/4	1 3/4	23 oz.	1.00
5T434C	5	4 1/2" IP	8	6	3/16"	"	1 1/8	2	32 oz.	1.60
6T434C	6	5" IP	8	6	3/16"	"	1 1/8	2 1/4	40 oz.	2.10
8T434C	8	7 1/16" Dia.	8	6	3/16"	"	1	3	50 oz.	5.00

Countersunk Nuts for above 35% extra.

All 434C covers are of red brass. All other covers are of yellow brass.

KITCHEN SINKS

Cast Iron
Flat Rim with Square Corners

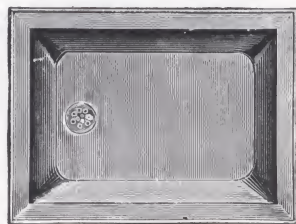


Fig. 130

Size Inches	Depth Inches	Weight Each	Price Each	
			Plain	Galv.
12 x 12	6	15 lbs.	\$1.10	\$2.20
12 x 18	6	20 "	1.25	2.60
14 x 20	6	23 "	1.50	3.20
16 x 20	6	28 "	1.70	3.50
16 x 24	6	30 "	1.90	4.00
16 x 28	6	34 "	2.10	4.50
16 x 30	6	37 "	2.25	4.75
18 x 24	6	33 "	2.10	4.30
18 x 30	6	39 "	2.50	5.10
18 x 36	6	50 "	3.25	6.50
20 x 24	6	35 "	2.40	5.00
20 x 30	6	43 "	3.00	6.25
20 x 36	6	55 "	3.70	7.75
20 x 40	6	60 "	4.00	8.75
20 x 42	6	68 "	4.25	9.00
20 x 48	6	80 "	5.30	11.50
22 x 36	6	62 "	4.00	8.25
22 x 42	6	75 "	4.75	10.00
24 x 48	6	95 "	6.00	12.25

These sinks are regularly furnished without lugs for legs. Lugs furnished on special order only. Sinks are regularly crated in lots of 6 or more of a size without extra charge. An extra charge is made if crated separately. Each sink is supplied with a $4\frac{3}{4}$ " strainer, a coupling for $1\frac{1}{2}$ " lead pipe and two $\frac{1}{4}$ " x 2" sink bolts with washers and nuts. Tapped couplings, Fig. 136, for $1\frac{1}{4}$ ", $1\frac{1}{2}$ " or 2" pipe; also $4\frac{3}{4}$ " Plug Strainers, Fig. 134, can be supplied as extras when required. Cast Iron Sink Backs can be furnished to fit these sinks if wanted.

All sinks are regularly shipped unpainted unless otherwise specified.

SLOP SINKS

Without Bell Trap

With Couplings

For Lead Pipe or Threaded Connection



Fig. 140

No.	Size Inches	Depth Inches	Height Overall Inches	Outside Diam. Outlet	Weight Each Lbs.	Price Each	
						Plain	Galv.
1	16 x 16	10	12 $\frac{3}{4}$	2"	44	\$4.80	\$ 9.00
2	14 x 20	13	16	2"	44	6.30	12.00
3	16 x 20	13	16	2"	60	7.20	14.00
4	20 x 24	13	16	2"	76	9.00	17.50
5	20 x 30	13	16	2"	110	14.40	28.00
6	20 x 36	13	16	2"	140	18.00	34.00

Nos. 1, 2, 3 and 4 have center outlet as shown. Nos. 5 and 6 have outlet at the end. No. 1 can also be furnished with special outlet to fit hub of 4" soil pipe at an extra price.

Regularly furnished with 5 $\frac{1}{4}$ " strainer, No. 2 coupling, Fig. 135, for 2" lead pipe and two 2 $\frac{1}{2}$ " x $\frac{1}{4}$ " sink bolts with nuts and washers.

Other fittings can be furnished extra as follows:

No. 2 Fig. 136 Tapped Couplings	\$.34 each, Plain	\$.68 each, Galvanized
Plug Strainer, Fig. 134	.60 " "	1.20 " "
Patent Overflow with Plug Strainer	3.00 " "	4.00 " "

Shipped unpainted unless otherwise specified.

SLOP HOPPERS

With Bell Trap

Plain or Tapped Outlet

No.	Size Inches	Depth Inches	Height Overall Inches	Outside Diam. Outlet	Outlet Projects	Weight Each Lbs.	Price Each	
							Plain	Galv.
11	12 x 12	8 $\frac{3}{8}$	9 $\frac{5}{8}$	2 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	17	\$3.00	\$ 6.00
12	15 x 15	14 $\frac{1}{4}$	15 $\frac{1}{2}$	2 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	35	4.10	8.20
14	18 x 18	13	14	3 $\frac{1}{2}$ "	1"	42	5.50	11.00

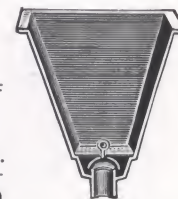


Fig. 141

Sectional View

Regularly furnished with plain outlet as shown to be cemented into soil pipe hub. Can be tapped for 2" threaded pipe at \$.40 each additional. Nos. 11 and 12 take G Strainer and D Bell. No. 14 takes I Strainer and E Bell. Each strainer is fastened to bell with a $\frac{1}{4}$ " x 1" bolt attached to an iron lifting knob.

Shipped unpainted unless otherwise ordered.

HARRIS SLOP SINKS

Bell Trap, Round Bottom

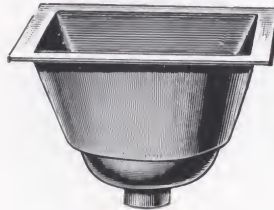


Fig. 142

No.	Size Inches	Depth Body Inches	Height Overall Inches	Outlet Projects Inches	Outside Diam. Outlet	Takes Strainer	Takes Bell	Weight Each Lbs.	Price Each
8	12 x 12	7	8½	1¼	2½"	M	D	18	\$3.00
9	14 x 14	8¼	9¾	1¼	2½"	N	D	27	4.00
10	16 x 16	9¾	11¼	1¼	2½"	O	D	30	5.50

Double Above Prices if Galvanized.

Regularly furnished with plain outlet as shown for cementing into soil pipe. Can be furnished tapped for 2" threaded pipe at \$.40 each extra when required. Have round strainers fitted with iron lifting knobs held by ¼" x 1" bolts.

FLETCHER SLOP SINKS

To Calk

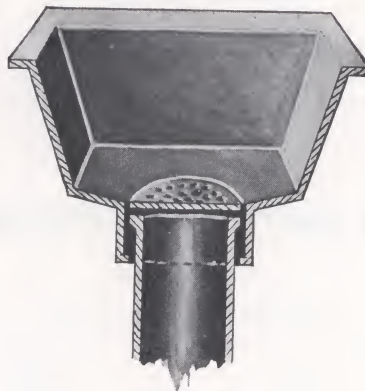


Fig. 143
Sectional View

Fits over Spigot End of 4" Soil Pipe

No.	Size Inches	Depth Body Inches	Height Overall Inches	Inside Diam. Outlet	Hub Recess Inches	Takes Strainer	Weight Each Lbs.	Price Each
15	16 x 16	7½	8⅝	4¾"	1½	F	32	\$4.60

Double Above Prices if Galvanized.

This slop sink can be slipped over the spigot end of 4" soil pipe and the joint can be calked from the inside by removing the strainer.

HYDRANT CESSPOOLS

WITHOUT BELL TRAP



Fig. 148

No.	Size Overall Inches	Size Bottom Inches	Depth Inside Inches	Height Overall Inches	Length Outlet Inches	Outside Diam. Outlet	Weight Each Lbs.	Price Each
1	12 x 12	7 x 7	5	7	1 3/4	3 1/4"	12	\$1.50
2	14 x 14	7 x 7	5 1/4	7	2	3 1/2"	16	2.00
3	16 x 16	9 x 9	6	7 3/8	1 1/2	4 1/4"	21	2.50
3 1/2	16 x 16	9 x 9	9	10 1/4	1 1/2	4"	25	3.80

Has strainer cast in. Cannot be removed. These Cesspools are usually cemented into soil pipe hubs. Cannot be tapped for threaded pipe.

HYDRANT CESSPOOLS

WITH BELL TRAP

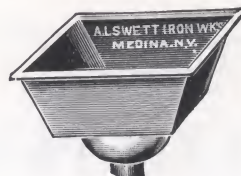


Fig. 149

Plain or Tapped Outlet

No.	Size Overall Inches	Size Bottom Inches	Depth Inside Inches	Height Overall Inches	Length Outlet Inches	Outside Diam. Outlet	Weight Each Lbs.	Price Each
4	12 x 12	7 x 7	5	9	1	3 1/2"	19	\$2.70
5	14 x 14	7 x 7	5 1/4	9	1	3 1/2"	20	3.14
6	16 x 16	9 x 9	6	10	1	3 1/2"	26	3.60

Nos. 4, 5 and 6 take G Bell and E Strainer. Strainer has lifting knob with 1/4" x 1" bolt. Regularly furnished with plain outlet to be cemented into soil pipe hub. Outlets can be tapped for 2" threaded pipe at \$.40 each extra if desired.

STANDARD CESSPOOLS

Cast Iron

LOOSE COVER

One Piece Bell and Strainer

Holes in cover are of ample capacity for all ordinary requirements.



Fig. 459

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Can Tap Outlet	Takes Cover	Thick- ness Flange	Weight Each Lbs.	Price Each
4 x 4	2 1/8	3 1/2	1 1/4"	3/4"	AA	3/16"	2 1/2	\$.50
6 x 6	2 1/4	4	2"	1 1/2"	BB	3/16"	4	.52
8 x 8	3 1/4	4 1/4	2 3/4"	2"	CD	3/16"	9	1.14
9 x 9	3	4 1/2	3"	2 1/2"	DE	3/16"	10	1.20
9 x 9	3	4 1/2	4"	3"	DF	3/16"	10	1.20
12 x 12	3 1/4	5	3 1/2"	3"	PG	3/16"	16	1.70

HINGED COVER

One Piece Bell and Strainer

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Can Tap Outlet	Takes Cover	Thick- ness Flange	Weight Each Lbs.	Price Each
6 x 6	2 1/4	4	2"	1 1/2"	KB	3/16"	4	\$.64
9 x 9	3	4 1/2	3"	2 1/2"	AHF	3/16"	10	1.32
9 x 9	3	4 1/2	4"	3"	AHF	3/16"	10	1.32
12 x 12	3 1/4	5 1/2	3 1/2"	3"	AIG	3/16"	16	1.90

Double the Above Prices if Galvanized.

Can be furnished All Brass if required.

Above Cesspools, Figs. 459 and 460, regularly furnished with plain outlet as shown. Extra for tapped outlets 3/4", 1 1/2" and 2" \$.40 each. 2 1/2" and 3" \$.60 each.



Fig. 460

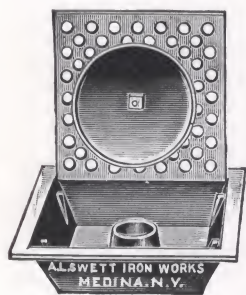


Fig. 146

CELLAR TRAPS

With Bell and Strainer

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Length Outlet Inches	Takes Strainer	Takes Bell	Weight Each Lbs.	Price Each
9 x 9	2 1/8	3	1 7/8"	7/8	AL	B	6	\$.90
12 x 12	2 1/8	3 5/8	1 3/4"	1 1/2	AO	M	15	1.80
15 x 15	3 5/8	4 1/2	3 1/4"	1 1/2	AM	H	21	2.80

Double the Above Prices if Galvanized.

Above traps can be tapped for 2" threaded pipe at an extra price of \$.40 each.

The 9 x 9 size can also be furnished with 3" OD outlet for 25 per cent each extra and with 4" OD outlet for 35 per cent each extra.

The AL and AO strainers are perforated as shown.

The AM strainer on the 15 x 15 size is a bar grate with 1/2" openings to provide rapid drainage.

CESSPOOLS

Cast Iron

LOOSE COVER

Two Pieces, Bell and Strainer with Bolt

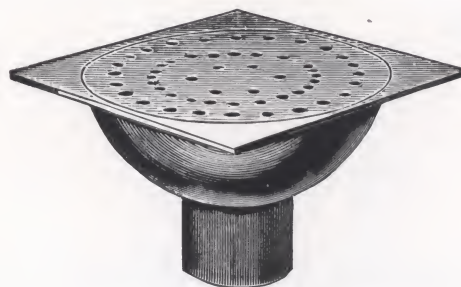


Fig. 495

Standard Weight

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Can Tap Outlet	Takes Round Strainer	Takes Bell	Thick- ness Flange	Weight Each Lbs.	Price Each
6 x 6	2 1/4	4	2"	1 1/2"	B	B	3/16"	4	\$.60
8 x 8	3 5/8	4 1/4	2 3/4"	2"	C	D	1/8"	9	1.40
9 x 9	3	4 1/2	3"	2 1/2"	D	E	3/16"	10	1.40
9 x 9	3	4 1/2	4"	3"	D	F	1/8"	10	1.40
10 x 10	4	5 3/4	3"	2 1/2"	D	E	3/16"	13	1.75
10 x 10	3 7/8	5 3/8	4"	3"	D	F	1/8"	13	1.75
12 x 12	3 1/4	5 1/2	3 5/8"	3"	P	G	3/16"	16	2.50
13 x 13	3 1/4	5 1/2	3 5/8"	3"	R	H	3/16"	18	2.70

Sizes to 8 x 8 inclusive take 1/4" x 3/4" Bolt both standard and heavy.

Sizes 9 x 9 and above take 1/4" x 1" Bolt both standard and heavy.

Extra Heavy

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Can Tap Outlet	Takes Round Strainer	Takes Bell	Thick- ness Flange	Weight Each Lbs.	Price Each
6 x 6	2 3/8	3 5/8	2"	1 1/2"	W	B	3/8"	5	\$1.00
8 x 8	3 5/8	4 5/8	2 3/4"	2"	V	D	3/8"	14	2.00
9 x 9	4	5 3/4	3"	2 1/2"	U	E	3/8"	16	2.00
9 x 9	4 1/8	5 1/2	4"	3"	U	F	3/8"	16	2.00
10 x 10	4	5 3/4	3"	2 1/2"	U	E	3/8"	19	2.50
10 x 10	4 1/8	5 1/2	4"	3"	U	F	3/8"	19	2.50
12 x 12	3 3/8	5 5/8	3 5/8"	3"	S	G	3/8"	27	3.30
13 x 13	5 1/2	8	4"	3"	T	J	3/8"	29	4.00

Double the Above Prices if Galvanized.

Can be furnished All Brass if required.

All of the above can be furnished with Strainer but without Bell Trap at same list prices.

Above Cesspools regularly furnished with plain outlets as shown.

Extra for tapped outlets 1 1/2" and 2" \$.40 each. 2 1/2" and 3" \$.60 each.

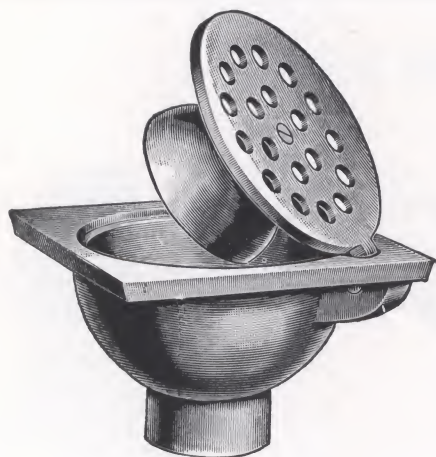


Fig. 498

CESSPOOLS

Cast Iron

HINGED COVER

Two Pieces, Bell and Strainer with Bolt
Standard Weight

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Can Tap Outlet	Takes Round Strainer	Takes Bell	Thick- ness Flange	Weight Each Lbs.	Price Each
6 x 6	2 1/4	4	2"	1 1/2"	K	B	3/16"	4	\$.72
8 x 8	3 1/2	4 1/2	2 3/4"	2"	AB	D	3/16"	9	1.55
9 x 9	3	4 1/2	3"	2 1/2"	AH	F	3/16"	10	1.55
9 x 9	3	4 1/2	4"	3"	AH	F	3/16"	10	1.55
10 x 10	4 1/8	5 7/8	3"	2 1/2"	AH	F	3/16"	13	1.90
10 x 10	3 3/4	5 1/4	4"	3"	AH	F	3/16"	13	1.90
12 x 12	3 1/4	5 1/2	3 1/2"	3"	AI	G	3/16"	16	2.80
13 x 13	4	6 1/4	4"	3"	AK	I	3/16"	22	3.10

Size 6 x 6 uses 1/4" x 3/4" bolt, both standard and heavy.

Sizes 8 x 8 and above use 1/4" x 1" bolt, both standard and heavy.

Extra Heavy

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Can Tap Outlet	Takes Round Strainer	Takes Bell	Thick- ness Flange	Weight Each Lbs.	Price Each
6 x 6	2 1/8	3 1/2	2"	1 1/2"	AG	B	3/8"	5 1/4	\$1.20
8 x 8	4 1/4	6	3"	2"	AC	F	3/8"	15	2.20
9 x 9	4 1/4	6	3"	2 1/2"	AC	F	3/8"	16	2.20
9 x 9	4 1/8	5 1/2	4"	3"	AC	F	3/8"	16	2.30
10 x 10	4 1/4	6	3"	2 1/2"	AC	F	3/8"	20	2.80
10 x 10	4 1/8	5 1/2	4"	3"	AC	F	3/8"	20	2.80
12 x 12	3 1/2	5 3/4	3 1/2"	3"	AD	G	3/8"	26	3.70
13 x 13	5 3/4	7 3/4	4 1/8"	3"	AE	K	3/8"	44	4.50

Double the Above Prices if Galvanized. Can be furnished All Brass if required.

All of the above can be furnished with Strainer but without Bell Trap at same list prices.

Above Cesspools regularly furnished with plain outlets as shown.

Extra for tapped outlets 1 1/2" and 2" \$.40 each. 2 1/2" and 3" \$.60 each.

SIDE OUTLET CESSPOOLS

Cast Iron

Hinged Strainer, Bell Trap

Size Top Inches	Size Spigot Inches	Length Overall Inches	Height Overall Inches	Weight Each Lbs.	Price Each
6 x 6 Std	2	8 3/16	5 1/4	5 1/2	\$1.75
6 x 6 XH	2	8 3/16	5 1/4	8 1/2	2.15
9 x 9 Std	3	11 3/8	7 3/8	16	2.90
9 x 9 XH	3	11 3/8	7 3/4	18	3.50
12 x 12 Std	4	13 3/4	8 3/16	26	4.75
12 x 12 XH	4	13 3/4	8 3/16	30	5.60

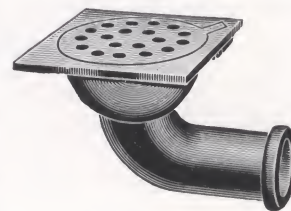


Fig. 509-H

SIDE OUTLET CESSPOOLS

Cast Iron

Loose Strainer, Bell Trap

Fig. No. 509-L

Same as Fig. No. 509-H shown above except furnished with loose instead of hinged strainer.

Size Inches	Price Each	Size Inches	Price Each	Size Inches	Price Each
6 x 6 Std	\$1.50	9 x 9 Std	\$2.60	12 x 12 Std	\$4.40
6 x 6 XH	1.90	9 x 9 XH	3.20	12 x 12 XH	5.20

BRASS TOP CESSPOOLS

Fig. 498-B

Hinged Bell Trap and Strainer

These Cesspools are made like Fig. 498 except that they have top flange and strainer made of polished brass. Body is of iron.

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Thickness Brass Top	Weight Each Lbs.	Price Each
6 x 6	3	4 $\frac{1}{4}$	2"	$\frac{3}{16}$ "	6	\$ 4.00
9 x 9	4 $\frac{1}{8}$	5 $\frac{1}{2}$	3"	$\frac{3}{16}$ "	14 $\frac{1}{4}$	7.00
12 x 12	4 $\frac{1}{4}$	6 $\frac{1}{4}$	3"	$\frac{3}{16}$ "	23	12.00
12 x 12	4 $\frac{1}{4}$	6 $\frac{1}{4}$	4"	$\frac{3}{16}$ "	24	12.00

6 x 6 can be tapped for 2" IP. Other sizes can be tapped 2" IP, 3" IP or 4" IP on special order only at advanced prices.

LONG SPIGOT CESSPOOLS

Bell Trap For Easy Calking



Fig. 227

Standard Weight

Size Inches	Length Spigot Inches	Depth Body Inches	Height Overall Inches	Inside Diam. Outlet	Fits Soil Pipe Hub	Takes Round Strainer	Takes Bell	Thick- ness Flange	Weight Each Lbs.	Price Each
6 x 6	4	2 $\frac{3}{8}$	6 $\frac{1}{2}$	2"	2"	B	B	$\frac{3}{16}$ "	6	\$1.80
9 x 9	8	3 $\frac{3}{4}$	12	3"	3"	D	E	$\frac{3}{16}$ "	18	2.75
12 x 12	8	3 $\frac{1}{4}$	11 $\frac{1}{2}$	4"	4"	P	I	$\frac{3}{16}$ "	24	4.30

Extra Heavy

Size Inches	Length Spigot Inches	Depth Body Inches	Height Overall Inches	Inside Diam. Outlet	Fits Soil Pipe Hub	Takes Round Strainer	Takes Bell	Thick- ness Flange	Weight Each Lbs.	Price Each
6 x 6	4	2	6 $\frac{1}{2}$	2"	2"	W	B	$\frac{3}{8}$ "	8	\$2.50
9 x 9	8	3 $\frac{3}{4}$	12	3"	3"	U	E	$\frac{3}{8}$ "	22	3.60
12 x 12	8	3 $\frac{1}{4}$	11 $\frac{1}{2}$	4"	4"	S	I	$\frac{3}{8}$ "	30	5.80

Double the Above Prices if Galvanized.

Furnished with Strainer but without Bell Trap at same list prices when specified.

DOUBLE GRATE CESSPOOLS

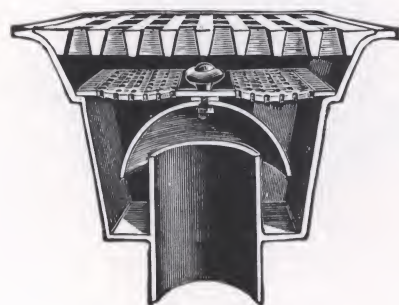


Fig. 150

SHORT SPIGOT

Bell Trap

Fitted with removable inner strainer and bell trap to catch fine sludge. Inner strainer fastened to bell trap by $\frac{1}{4}$ " x $1\frac{1}{4}$ " bolt through cast iron lifting knob. Easily cleaned.

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Length of Outlet	Takes Grate Fig. 229	Takes Square Strainer	Takes Bell	Weight Each Lbs.	Price Each
12 x 12	8 $\frac{3}{8}$	12	4 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "	9 $\frac{1}{2}$ x 9 $\frac{1}{2}$ "	AF	J	46	\$5.20
16 $\frac{1}{2}$ x 16	8 $\frac{1}{2}$	10 $\frac{1}{2}$	4"	2"	13 x 13"	L	L	52	8.00
16 $\frac{1}{2}$ x 16	8 $\frac{3}{8}$	10 $\frac{3}{8}$	5"	2"	13 x 13"	L	L	54	9.00

DOUBLE GRATE CESSPOOLS

LONG SPIGOT

Bell Trap

These Cesspools are furnished with a long spigot for ease in calking. Fitted with removable inner strainer and bell trap. Have cast iron lifting knob attached to inner strainer by $\frac{1}{4}$ " x $1\frac{1}{4}$ " bolt.



Fig. 224

Size Inches	Depth Body Inches	Height Overall Inches	Inside Diam. Outlet	Length of Outlet	Takes Grate Fig. 229	Takes Square Strainer	Takes Bell	Weight Each Lbs.	Price Each
12 x 12	8	16	4"	8"	9 $\frac{1}{2}$ x 9 $\frac{1}{2}$ "	AF	J	50	\$7.80
12 x 12	8	20	4"	12"	9 $\frac{1}{2}$ x 9 $\frac{1}{2}$ "	AF	J	52	9.00
16 x 16	8 $\frac{1}{2}$	16 $\frac{1}{2}$	4"	8"	13 $\frac{1}{2}$ x 13 $\frac{1}{2}$ "	L	L	65	11.60
16 x 16	8 $\frac{1}{2}$	20 $\frac{1}{2}$	4"	12"	13 $\frac{1}{2}$ x 13 $\frac{1}{2}$ "	L	L	72	12.80

E-Z KLEEN GARAGE TRAP

With Removable Mud Tray

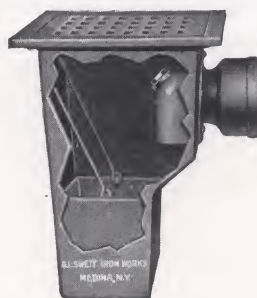


Fig. 399

Designed for quick disposal of mud by lifting out tray from bottom of trap. Trap can be cleaned by spraying bottom with hose after tray is removed. Brass plug permits insertion of hose to clean outlet pipe if required. Hub fits 4" soil pipe. Hub is secured to body by four $\frac{5}{16}$ " x $1\frac{1}{4}$ " bolts.

Size Top Inches	Height Overall Inches	Size Hub Inches	Takes Grate Fig. 229	Takes Brass Plug	Weight Complete	Price Each Complete
14 x 14	19	4	12 x 12"	2T1621C	112 lbs.	\$22.00

Mud Tray is 6" x 9" by 7" deep. Has $\frac{1}{4}$ " steel handle. Weighs 16 lbs. Deduct \$3.00 if mud tray is omitted.

GARAGE MUD TRAP

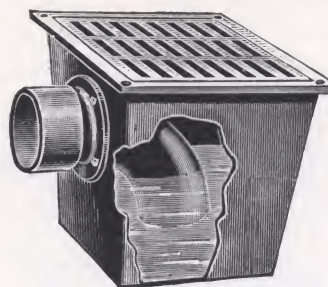


Fig. 221

Size Top Inches	Height Overall Inches	Size Hub Inches	Takes Grate Fig. 229	Size Hub Bolts	Weight Complete	Price Each
12 x 13	12	4	$9\frac{1}{4}$ x $10\frac{3}{4}$ "	$\frac{5}{16}$ x $1\frac{1}{4}$ "	64 lbs.	\$11.00

FLOOR DRAIN

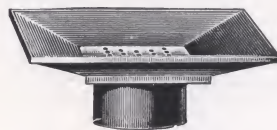


Fig. 226

Size Inches	Depth Body Inches	Height Overall Inches	Outside Diam. Outlet	Takes Square Strainer	Weight Each	Price Each
12 x 12	$2\frac{1}{8}$	$4\frac{5}{8}$	4"	G	14 lbs.	\$2.00

Has 5" x 5" perforated strainer without bell trap.

REPAIR PARTS

For Cesspools, Slop Sinks, Slop Hoppers and Cellar Traps

To select correct repair part, refer to symbol given in the description of these articles on preceding pages.

STRAINERS

Part Name	Symbol	Size or Diam. Inches	Thickness or Depth Inches	Style	Weight Each	Price Each
Strainer	A	3 $\frac{3}{16}$	$\frac{1}{8}$	Round	4 oz.	\$.10
"	B	4 $\frac{1}{8}$	$\frac{1}{8}$	"	10 oz.	.16
"	C	6 $\frac{1}{2}$	$\frac{1}{8}$	"	1 lb., 1 oz.	.30
"	D	7	$\frac{1}{16}$	"	1 lb., 12 oz.	.30
"	E	6 $\frac{1}{2}$	$\frac{1}{8}$	"	1 lb., 2 oz.	.25
"	F	5 $\frac{5}{8}$	$\frac{1}{8}$	"	1 lb., 1 oz.	.25
"	G	5 x 5	$\frac{1}{8}$	Square	1 lb.	.25
"	H	6 $\frac{1}{4}$	$\frac{1}{8}$	Round	15 oz.	.25
"	I	7 $\frac{1}{2}$ x 7 $\frac{1}{2}$	$\frac{1}{8}$	Square	1 lb., 12 oz.	.30
"	J	8 x 8	$\frac{1}{8}$	"	3 lb., 3 oz.	.50
"	K	4 $\frac{7}{8}$	$\frac{1}{8}$	Round Hinged	10 oz.	.18
"	L	10 $\frac{1}{8}$ x 10 $\frac{1}{8}$	$\frac{3}{16}$	Square	3 lb., 15 oz.	.70
"	M	7 $\frac{3}{8}$	$\frac{3}{16}$	Round	1 lb., 8 oz.	.30
"	N	8 $\frac{3}{8}$	$\frac{3}{16}$	"	1 lb., 12 oz.	.30
"	O	10	$\frac{3}{16}$	"	2 lb., 5 oz.	.50
"	P	10 $\frac{1}{8}$	$\frac{3}{16}$	"	3 lb., 10 oz.	.45
"	R	10 $\frac{5}{8}$	$\frac{1}{4}$	"	3 lb., 6 oz.	.50
"	S	10 $\frac{1}{16}$	$\frac{3}{8}$	"	4 lb., 14 oz.	.90
"	T	10 $\frac{11}{16}$	$\frac{1}{4}$	"	5 lb., 13 oz.	.90
"	U	7 $\frac{3}{8}$	$\frac{5}{16}$	"	2 lb., 8 oz.	.50
"	V	6 $\frac{1}{2}$	$\frac{5}{16}$	"	2 lb., 3 oz.	.36
"	W	4 $\frac{7}{8}$	$\frac{5}{16}$	"	12 oz.	.20
"	AB	6 $\frac{5}{8}$	$\frac{5}{16}$	Round Hinged	1 lb., 12 oz.	.30
"	AC	7 $\frac{1}{8}$	$\frac{5}{16}$	"	3 lb.	.65
"	AD	10	$\frac{5}{16}$	"	6 lb., 4 oz.	1.00
"	AE	10 $\frac{5}{8}$	$\frac{1}{2}$	"	5 lb., 13 oz.	1.60
"	AF	8 x 8	$\frac{1}{4}$	Square	3 lb., 10 oz.	.60
"	AG	4 $\frac{7}{8}$	$\frac{1}{4}$	Round Hinged	14 oz.	.20
"	AH	7 $\frac{1}{8}$	$\frac{3}{8}$	"	1 lb., 14 oz.	.32
"	AI	10	$\frac{3}{16}$	"	3 lb., 8 oz.	.50
"	AK	10 $\frac{1}{2}$	$\frac{3}{16}$	"	5 lb., 8 oz.	.85
"	AL	7 $\frac{1}{8}$ x 7 $\frac{1}{8}$	$\frac{1}{8}$	Square	1 lb., 9 oz.	.30
"	AM	9 $\frac{7}{8}$ x 9 $\frac{7}{8}$	$\frac{1}{2}$	Square (Bars)	5 lb., 12 oz.	1.00
"	AO	10 x 10	$\frac{3}{16}$	Square	4 lb., 3 oz.	.75

BELLS

Part Name	Symbol	Outside Size or Diam. Inches	Thickness or Depth Inches	Style	Weight Each	Price Each
Bell	A	2	1	Round	4 oz.	\$.08
"	B	2 $\frac{3}{4}$	1 $\frac{1}{8}$	"	5 oz.	.10
"	C	3 $\frac{5}{8}$	2 $\frac{1}{8}$	"	14 oz.	.16
"	D	4	1 $\frac{1}{2}$	"	14 oz.	.16
"	E	4 $\frac{3}{8}$	2 $\frac{3}{8}$	"	1 lb., 8 oz.	.25
"	F	4 $\frac{5}{8}$	2 $\frac{1}{8}$	"	1 lb., 1 oz.	.20
"	G	5	1 $\frac{5}{8}$	"	1 lb.	.25
"	H	5 $\frac{1}{2}$	2 $\frac{1}{8}$	"	1 lb., 9 oz.	.25
"	I	6	1 $\frac{5}{8}$	"	1 lb., 12 oz.	.35
"	J	6	3	"	2 lb., 2 oz.	.50
"	K	6 $\frac{5}{8}$	2 $\frac{5}{8}$	"	2 lb., 6 oz.	.45
"	L	7	3 $\frac{1}{2}$	"	2 lb., 10 oz.	.50
"	M	3 $\frac{1}{2}$	1 $\frac{1}{8}$	"	9 oz.	.15
"	O	7 $\frac{5}{8}$	3 $\frac{1}{4}$	"	3 lb., 14 oz.	.70
"	R	5 $\frac{1}{2}$	1 $\frac{1}{4}$	"	1 lb., 2 oz.	.25
"	S	4 $\frac{1}{2}$	1 $\frac{1}{4}$	"	1 lb.	.25

REPAIR PARTS

For Fig. 459 and Fig. 460 Cesspools

COMBINATION BELLS AND STRAINERS

Part Name	Symbol	Size or Diam. Inches	Thickness or Depth Inches	Style	Weight Each	Price Each
Cover	AA	3 $\frac{3}{16}$	1 $\frac{1}{8}$	Round	8 oz.	\$.16
"	BB	4 $\frac{1}{2}$	1 $\frac{1}{4}$	"	1 lb.	.22
"	CD	6 $\frac{1}{2}$	1 $\frac{3}{4}$	"	2 lb., 3 oz.	.38
"	DE	7	1 $\frac{3}{4}$	"	2 lb., 12 oz.	.44
"	DF	7	2 $\frac{1}{4}$	"	3 lb., 3 oz.	.48
"	PG	10 $\frac{1}{8}$	2	"	3 lb., 10 oz.	.56
"	KB	4 $\frac{7}{8}$	1 $\frac{1}{4}$	Round Hinged	15 oz.	.22
"	AHF	7 $\frac{1}{8}$	1 $\frac{3}{4}$	"	3 lb., 2 oz.	.44
"	AIG	10	2	"	3 lb., 10 oz.	.60

CESSPOOL GRATE

These grates are regularly used on SWETT Garage Traps, and Double Grate Cesspools. Also sold separately.

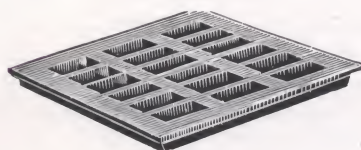


Fig. 229

Size Overall Inches	Thickness Inches	Weight Each Lbs.	Price Each
8 x 12	$\frac{7}{8}$	8	\$1.40
9 $\frac{1}{2}$ x 9 $\frac{1}{2}$	$\frac{7}{8}$	9	1.80
9 $\frac{1}{4}$ x 10 $\frac{3}{4}$	$\frac{1}{2}$	9	1.80
12 x 12	$\frac{7}{8}$	12 $\frac{1}{2}$	2.50
13 $\frac{1}{2}$ x 13 $\frac{1}{2}$	$\frac{7}{8}$	16	2.80
15 x 15	$\frac{7}{8}$	22	3.60
18 x 18	$\frac{7}{8}$	35	5.50
24 x 24	$\frac{7}{8}$	55	7.00

All sizes except the 9 $\frac{1}{4}$ x 10 $\frac{3}{4}$ grate have a projecting flange approximately $\frac{1}{4}$ " thick by $\frac{1}{2}$ " wide around the outer edge.

FRAME AND GRATING

Medium Weight

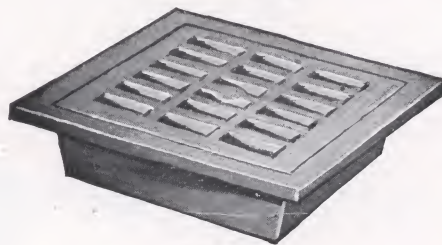


Fig. 238

No.	Size Frame Overall Inches	Size Frame Under Flange	Thickness Frame Flange	Clear Opening Frame	Depth Frame Overall	Weight Frame and Cover	Price Frame and Cover
1	12 x 12	9 $\frac{1}{4}$ "	$\frac{3}{8}$ "	7 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	24 lbs.	\$4.00
2	16 x 16	13 $\frac{1}{4}$ "	$\frac{1}{2}$ "	11 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	38 lbs.	5.60

No. 1 takes Fig. 229 Grate size 9 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ ".

No. 2 takes Fig. 229 Grate size 13 $\frac{1}{2}$ " x 13 $\frac{1}{2}$ ".

Grates are $\frac{7}{8}$ " thick but each has a projecting flange $\frac{1}{4}$ " thick and $\frac{1}{2}$ " wide only which fits into a recess in the top of the frame for support.

CESSPOOL PLATES

SQUARE PERFORATED PLATES



Fig. 152

Size Inches	Thickness Inches	Weight Each	Price Each
4 x 4	$\frac{3}{16}$	9 oz.	\$.12
5 x 5	$\frac{3}{16}$	1 lb.	.14
6 x 6	$\frac{3}{16}$	1½ lbs.	.18
7 x 7	$\frac{1}{4}$	2¼ lbs.	.26
8 x 8	$\frac{1}{4}$	2½ lbs.	.36
9 x 9	$\frac{1}{4}$	3½ lbs.	.48
10 x 10	$\frac{1}{4}$	4¾ lbs.	.55
12 x 12	$\frac{1}{4}$	5¾ lbs.	.84

ROUND PERFORATED PLATES



Fig. 152½

Diameter Inches	Thickness Inches	Weight Each	Price Each
4	$\frac{3}{16}$	9 oz.	\$.12
5	$\frac{3}{16}$	10 oz.	.14
6	$\frac{1}{4}$	1 lb.	.18
7	$\frac{1}{4}$	1½ lbs.	.26
8	$\frac{1}{4}$	2½ lbs.	.36
9	$\frac{1}{4}$	3 lbs.	.48
10	$\frac{1}{4}$	4 lbs.	.55
12	$\frac{1}{4}$	6 lbs.	.84

SQUARE BAR GRATES

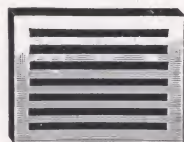


Fig. 169½

Size Inches	Thickness Inches	Weight Each	Price Each
4 x 4	$\frac{1}{4}$	10 oz.	\$.14
5 x 5	$\frac{1}{4}$	1 lb.	.16
6 x 6	$\frac{1}{4}$	1½ lbs.	.22
7 x 7	$\frac{1}{4}$	1¾ lbs.	.30
8 x 8	$\frac{1}{4}$	2¼ lbs.	.40
9 x 9	$\frac{5}{16}$	3¾ lbs.	.56
10 x 10	$\frac{5}{16}$	4½ lbs.	.65
11 x 11	$\frac{5}{16}$	6 lbs.	.81
12 x 12	$\frac{5}{16}$	7 lbs.	.94

ROUND BAR GRATES

(Pipe Strainers)
For Soil Pipe Hubs

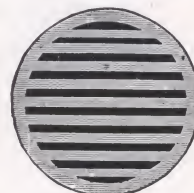


Fig. 169

Diameter Inches	Fits Soil Pipe Inches	Thickness Inches	Weight Each	Price Each
3	2	$\frac{1}{4}$	4 oz.	\$.08
4	3	$\frac{1}{4}$	8 oz.	.12
5	4	$\frac{1}{4}$	14 oz.	.14
6	5	$\frac{1}{4}$	1¼ lbs.	.18
7	6	$\frac{1}{4}$	1¾ lbs.	.30
8	7	$\frac{1}{4}$	2¼ lbs.	.40
9	8	$\frac{1}{4}$	4¾ lbs.	.55

ROUND BAR GRATES

Fig. 169 (Pipe Strainers)
For Sewer Pipe Hubs

Diameter Inches	Fits Sewer Pipe Inches	Thickness Inches	Weight Each Lbs.	Price Each
5½	4	$\frac{1}{4}$	1	\$.18
6½	5	$\frac{1}{4}$	1½	.30
7½	6	$\frac{1}{4}$	2	.36
10	8	$\frac{3}{8}$	5½	.72
12	10	$\frac{3}{8}$	6½	1.10
14	12	$\frac{3}{8}$	12	2.10
18	15	$\frac{1}{2}$	20	4.00

These grates will lie in the bottom of the hubs. Order by diameter shown in first column.

Heavy Sewer Pipe Grates

To Set Flush with Tops of Hubs



Fig. 420

Diameter Inches	Fits Sewer Pipe Inches	Depth Inches	Style Support	Weight Each Lbs.	Price Each
10	8	2½	Solid Flange	12½	\$ 1.60
12	10	2½	" "	16	1.80
14½	12	2½	" "	30	3.00
18	15	2½	6 Lugs	38	3.80
21	18	3	8 Lugs	70	7.20
28	24	3	8 Lugs	120	18.00



Fig. 154

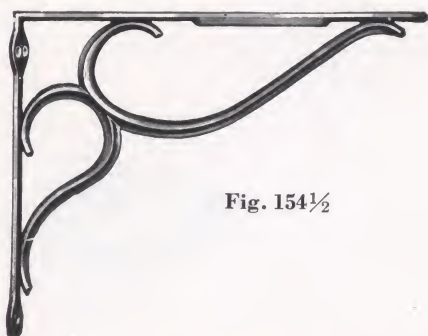


Fig. 154 1/2

SINK BRACKETS

ADJUSTABLE

Cast Iron

No.	Fig. No.	Height Inches	Length Inches	Takes Sinks in Width Inches	Weight Pair Lbs.	Price per Pair Plain	Galv.
0	154	9 1/2	11 1/2	12 to 15	4	\$.64	\$1.28
1	"	10 1/2	13 1/2	14 to 18	4 1/2	.72	1.44
2	"	12	16	18 to 23	5	.80	1.60
3	"	16	18	18 to 26	8	1.40	2.80
5	154 1/2	12	15	14 to 22	4 1/2	.64	1.28

Can also be used as shelf brackets for many other purposes.
Shipped plain unless otherwise specified.

EXTENSION SINK BRACKETS

All Cast Iron

No.	Fig. No.	Height Inches	Length Closed Inches	Takes Sinks in Width Inches	Weight Pair Lbs.	Price per Pair Plain	Galv.
10	328	11	13 1/2	14 to 20	6 1/4	\$1.00	\$2.00

This bracket is particularly well suited for enamel sinks. The extension arm hooks up under the front rim of the sink thus holding it firmly in place. Extension arm is 8" long with a hooked end 2 1/2" long. Uses a 1/4" x 5/8" bolt.

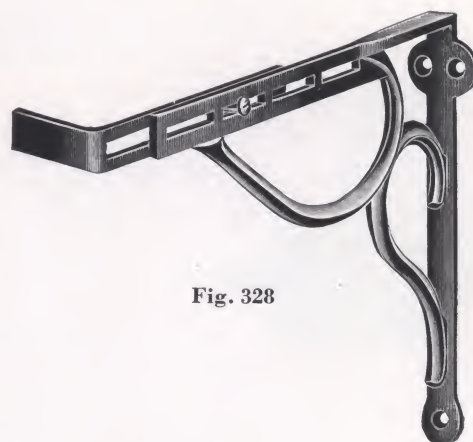


Fig. 328

SINK FITTINGS

Cast Iron

For Kitchen Sinks, Slop Sinks and Water Troughs

OPEN STRAINERS

Size—Inches	4	4 1/2	4 3/4	5	5 1/4
Weight—Oz.	7	8	9	10	12

Price All Sizes: Plain, \$.12 each; Galvanized, \$.24 each.

4 3/4" size fits Kitchen Sinks, Water Troughs and No. 1 Harness Sink.

5 1/4" size fits Slop Sinks and No. 2 Harness Sink.

Other sizes used for the general trade.



Fig. 133

SINK FITTINGS

For Kitchen Sinks, Slop Sinks and Water Troughs

PLUG STRAINERS

With Rubber Plug and Chain

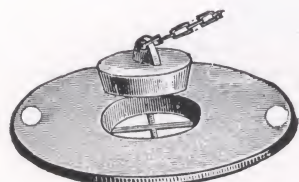


Fig. 134

Size	Diam. Plate Inches	Diam. Plug Inches	Weight Each Lbs.	Price Each Plain	Galv.
No. 1	4 $\frac{3}{4}$	1	1	\$.50	\$1.00
No. 2	5 $\frac{1}{4}$	1	1 $\frac{1}{4}$	.60	1.20

No. 1 fits Kitchen Sinks, Water Troughs and No. 1 Harness Sink.

No. 2 fits Slop Sinks and No. 2 Harness Sink.

LEAD PIPE COUPLINGS

Size	Pipe Size Inches	Length Overall Inches	Size Opening Inches	Weight Each	Price Each Plain	Galv.
No. 1	1 $\frac{1}{2}$	4 $\frac{3}{4}$	2	7 oz.	\$.12	\$.24
No. 2	2	5 $\frac{3}{8}$	2 $\frac{1}{2}$	14 oz.	.20	.40

No. 1 fits Kitchen Sinks, Water Troughs and No. 1 Harness Sink.

No. 2 fits Slop Sinks and No. 2 Harness Sink.



Fig. 135

TAPPED COUPLINGS



Fig. 136

Size	Tapped Pipe Size Inches	Length Overall Inches	Weight Each Lbs.	Price Each Plain	Galv.
No. 1	1 $\frac{1}{4}$	4 $\frac{3}{4}$	1 $\frac{1}{4}$	\$.24	\$.48
"	1 $\frac{1}{2}$	4 $\frac{3}{4}$	1 $\frac{1}{4}$	.24	.48
"	2	4 $\frac{3}{4}$	1 $\frac{1}{2}$	.24	.48
No. 2	1 $\frac{1}{4}$	5 $\frac{1}{4}$	1 $\frac{1}{4}$	.34	.68
"	1 $\frac{1}{2}$	5 $\frac{1}{4}$	1 $\frac{1}{2}$	.34	.68
"	2	5 $\frac{1}{4}$	2	.34	.68

No. 1 fits Kitchen Sinks, Water Troughs and No. 1 Harness Sink.

No. 2 fits Slop Sinks and No. 2 Harness Sink.

Be sure to specify size of tapped opening required.

SINK BOLTS

Fitted with Two Nuts

Size Inches	Used On	Weight Per 100	Price Per 100
2 x $\frac{1}{4}$	Kitchen Sinks with Open and Plug Strainers	5 lbs.	\$2.50
2 $\frac{1}{4}$ x $\frac{1}{4}$	Water Troughs and Slop Sinks Open Strainers	5 $\frac{1}{2}$ lbs.	2.70
3 x $\frac{1}{4}$	Water Troughs and Slop Sinks Plug Strainers	5 $\frac{3}{4}$ lbs.	2.90



Fig. 137

SINK TRAPS

Cast Iron—With Brass Cleanout Plug

PITCHER TRAP

Trap and Coupling Combined

Useful in limited space under low sinks.

Fits tight against sink in place of regular sink coupling. Fitted with flanged brass cleanout plug. Coupling end has four slots to permit four positions of outlet, right, left, front or back. Has 1 1/4" male threaded outlet.



Fig. 138

Figure No.	Height Overall Inches	Takes Flanged Brass Plug	Size Threaded Outlet	Weight Each Lbs.	Price Each	
					Plain	Galv.
138	5 1/2	No. 300MS 1 1/2" size	1 1/4" IP	3 3/4	\$1.30	\$2.20

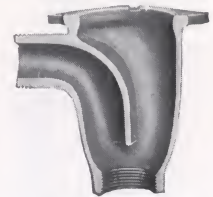


Fig. 138
Cross Section

BOTTLE TRAP



Fig. 425

Figure No.	Height Overall Inches	Takes Flanged Brass Plug	Weight Each Lbs.	Price Each	
				Plain	Galv.
425	6 3/8	No. 8 MS 1" size	2 3/4	\$1.10	\$1.90

Both outlets are tapped with 1 1/4" IP Thread.

FLASK TRAP

Figure No.	Height Overall Inches	Takes Flanged Brass Plug	Weight Each Lbs.	Price Each	
				Plain	Galv.
187	7	No. 300 MS 1 1/2" size	4 1/2	\$1.20	\$1.80

Both outlets are tapped with 1 1/4" IP Thread.

Internal construction similar to Fig. 425.



Fig. 187

THREADED SINK COUPLING

1 1/4" IP Size. Male Thread.



Fig. 438

Figure No.	Height Overall Inches	Width Overall Inches	Weight Each Lbs.	Price Each	
				Plain	Galv.
438	2	5	3/4	\$.32	\$.64

This coupling is ordinarily used with Bottle Trap, Fig. 425 and Flask Trap, Fig. 187, for a close coupled connection under a sink. It can, however, be used for any purpose where a sink coupling with 1 1/4" male thread is required.

SHORT P TRAP

Fig. No.	Size Threaded Outlets	Height Overall Inches	Width Overall Inches	Takes Flanged Brass Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
500	1 1/4" IP	6	5 1/4	3/4" IP	2 1/4	\$.80	\$1.00
"	1 1/2" IP	6 1/2	5 3/8	1" IP	3 1/4	.90	1.15
"	2" IP	8	7	1" IP	4 1/2	1.20	1.50

Can also be furnished with male outlet at same price.



Fig. 500

SINK TRAPS

Cast Iron

SHORT S TRAP

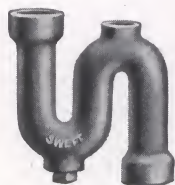


Fig. 501

Fig. No.	Size Threaded Outlets	Vent Opening Tapped	Height Overall Inches	Width Overall Inches	Takes Flanged Brass Plug	Weight Each Lbs.	Price Each	
							Plain	Galv.
501	1 1/4" IP	3/4" IP	6	6 1/4	3/4" IP	3	\$1.40	\$2.00
"	1 1/2" IP	1" IP	6 7/8	7 1/2	1" IP	4 1/4	1.70	2.50
"	2" IP	1" IP	8	8 1/4	1" IP	5 3/4	2.75	3.65

Has tapped vent opening for connection to vent stack to prevent siphoning.

RUNNING TRAP

Fig. No.	Size Threaded Outlets	Height Overall Inches	Width Overall Inches	Takes Flanged Brass Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
502	1 1/4" IP	6	6 1/2	3/4" IP	3	\$1.15	\$1.60
"	1 1/2" IP	6 1/4	6 3/4	1" IP	3 1/2	1.50	2.10
"	2" IP	8	8	1" IP	5 1/2	2.50	3.35



Fig. 502

LONG P TRAP

Bell Inlet—Female Outlet



Fig. 557

Fig. No.	Size Threaded Outlet	Height Overall Inches	Width Overall Inches	Takes Brass Taper Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
557	1 1/4" IP	9 1/2	7	3/4" IP	3 3/4	\$.75	\$1.15
"	1 1/2" IP	9 1/2	8	3/4" IP	5	1.00	1.50

Furnished with Special Couplings similar to Fig. 135.

LONG P TRAP

Threaded Male Inlet—Female Outlet

Fig. No.	Size Threaded Outlets	Height Overall Inches	Width Overall Inches	Takes Brass Taper Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
558	1 1/4" IP	9 1/2	7	3/4" IP	3 3/4	\$.75	\$1.15
"	1 1/2" IP	9 1/2	8	3/4" IP	5	1.00	1.50

Uses tapped Sink Coupling, Fig. 136.



Fig. 558

LONG P TRAP

Bell Inlet—Male Outlet



Fig. 559

Fig. No.	Size Threaded Outlet	Height Overall Inches	Width Overall Inches	Takes Brass Taper Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
559	1 1/4" IP	9 1/2	7	3/4" IP	3 3/4	\$.75	\$1.15
"	1 1/2" IP	9 1/2	8	3/4" IP	5	1.00	1.50

Furnished with Special Couplings similar to Fig. 135.

SINK TRAPS

Cast Iron

LONG P TRAP

Threaded Male Inlet—Male Outlet



Fig. 560

Fig. No.	Size Threaded Outlets	Height Overall Inches	Width Overall Inches	Takes Brass Taper Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
560	1 1/4" IP	9 1/2	7	3/4" IP	3 3/4	\$.75	\$1.15
"	1 1/2" IP	9 1/2	8	3/4" IP	5	1.00	1.50

Uses tapped Sink Couplings, Fig. 136.

LONG S TRAP

With Cast Floor Flange

Bell Inlet—Male Outlet

Fig. No.	Size Threaded Outlet	Height Overall Inches	Width Overall Inches	Takes Brass Taper Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
561	1 1/4" IP	24	7	3/4" IP	9	\$1.50	\$2.25
"	1 1/2" IP	24	8	3/4" IP	10 1/2	2.00	2.90

Furnished with Special Couplings similar to Fig. 135.



Fig. 561

LONG S TRAP

With Cast Floor Flange

Threaded Male Inlet—Male Outlet



Fig. 562

Fig. No.	Size Threaded Outlets	Height Overall Inches	Width Overall Inches	Takes Brass Taper Plug	Weight Each Lbs.	Price Each	
						Plain	Galv.
562	1 1/4" IP	24	7	3/4" IP	9	\$1.50	\$2.25
"	1 1/2" IP	24	8	3/4" IP	10 1/2	2.00	2.90

Uses tapped Sink Couplings, Fig. 136.

REFRIGERATOR DRAIN

ROUND PATTERN—BELL TRAP

Fig. No.	Size Threaded Outlet	Height Overall Inches	Diameter Inches	Takes Strainer	Weight Each Lbs.	Price Each	
						Plain	Galv.
412	1 1/4" IP	2 3/8	8	4" Dia.	2 3/4	\$.54	\$.80
"	1 1/2" IP	2 3/8	8	4" Dia.	2 3/4	.54	.80



Fig. 412

REFRIGERATOR DRAIN

OBLONG PATTERN—BELL TRAP

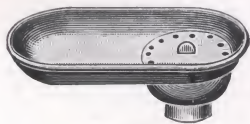


Fig. 508

Fig. No.	Size Threaded Outlet	Height Overall Inches	Width Overall Inches	Length Overall Inches	Takes Strainer	Weight Each Lbs.	Price Each Plain	Price Each Galv.
508	1 1/4" IP	3 5/8	5 1/4	10 1/4	3 7/8" Dia.	4 1/4	\$.80	\$1.25
"	1 1/2" IP	3 5/8	5 1/4	10 1/4	3 7/8" "	4 1/4	.80	1.25

ROUND SINK—NO BELL TRAP

This sink is used in many places in New England to catch the drip from refrigerators. It is placed in the basement and the drip piped to it from floors above. It has bar strainer but no bell trap.



Fig. 408

Fig. No.	Size Threaded Outlet	Height Overall Inches	Diameter Overall Inches	Takes Bar Strainer	Weight Each Lbs.	Price Each Plain	Price Each Galv.
408	1 1/2" IP	7 3/8	12	3" Diam.	11	\$1.60	\$2.30
"	2" IP	7 3/8	12	3" Diam.	11	1.60	2.30

NEW YORK CISTERN DRAINER

Cast Iron



Fig. 524

Fig. No.	Length Overall Inches	Size Brass Plug	Size Vertical Outlet	Fits Cistern Wall	Weight Each Lbs.	Price Each
524	23	1 1/2" IP	1/2" IP	18" wide or less	9	\$2.50

This fitting is laid in concrete through the base of the cistern wall with bottom of inside opening set about 1" below lowest point of cistern floor so that water will drain out clean. Vertical flanges prevent seepage. Horizontal flanges prevent turning while removing brass cleanout plug. Vertical 1/2" tapped opening permits faucet connection for filling pails in cellar direct from cistern. Suitable for 18" wall or less. For walls under 18", fitting is allowed to project further into the cistern.

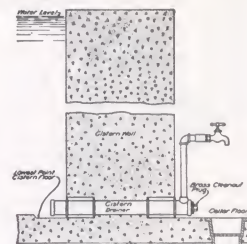


Fig. 525
Cistern Drainer Installed

CLOSET FLOOR FLANGES

Standard



Fig. 505, Standard

Fig. No.	Material	Size Bend	Inside Diam. Opening Inches	Outside Diam. Flange Inches	Height Overall Inches	Weight Each	Price Each
505	Brass	4	4 1/4	6 3/4	1/4	9 oz.	\$.40

Extra Heavy



Fig. 506, Extra Heavy

Fig. No.	Material	Size Bend	Inside Diam. Opening Inches	Outside Diam. Flange Inches	Height Overall Inches	Weight Each	Price Each
506	Brass	4	4 1/4	6 7/8	7/8	16 oz.	\$.75
506 1/2	Iron	4 1/4	4 1/8	7 1/8	1 3/8	1 1/2 lbs.	.38

Fig. 506 1/2 is similar to 506 except made of iron and deeper.

CLOSET FLOOR FLANGES

Boston Pattern

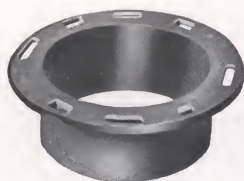


Fig. 507
Boston Pattern

Fig. No.	Material	Size Bend	Inside Diam. Opening Inches	Outside Diam. Flange Inches	Height Overall Inches	Weight Each	Price Each
507	Iron	4	4 $\frac{5}{8}$	7	2 $\frac{1}{2}$	1 $\frac{3}{4}$ lbs.	\$.38
"	"	4 $\frac{1}{4}$	4 $\frac{13}{16}$	7	2 $\frac{1}{2}$	2 $\frac{3}{8}$ lbs.	.38
"	"	4	4 $\frac{5}{8}$	7	4	3 $\frac{3}{4}$ lbs.	.70
"	"	4 $\frac{1}{4}$	5	7	4	4 lbs.	.70
"	"	4	4 $\frac{5}{8}$	7	6	5 $\frac{1}{4}$ lbs.	1.30
"	"	4 $\frac{1}{4}$	5	7	6	4 $\frac{5}{8}$ lbs.	1.30



Fig. 512
Philadelphia Pattern

Philadelphia Pattern

512	Iron	4	4 $\frac{11}{16}$	6 $\frac{15}{16}$	2	2 $\frac{1}{4}$ lbs.	\$.38
"	"	4	4 $\frac{11}{16}$	6 $\frac{15}{16}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$ lbs.	.38
"	"	4 $\frac{1}{4}$	4 $\frac{13}{16}$	7 $\frac{1}{16}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$ lbs.	.38
"	"	4	4 $\frac{11}{16}$	6 $\frac{15}{16}$	4	4 $\frac{1}{4}$ lbs.	.70
"	"	4 $\frac{1}{4}$	4 $\frac{13}{16}$	7 $\frac{1}{16}$	4	4 $\frac{1}{2}$ lbs.	.70
"	"	4	4 $\frac{11}{16}$	6 $\frac{15}{16}$	6	5 $\frac{1}{2}$ lbs.	1.30
"	"	4 $\frac{1}{4}$	4 $\frac{13}{16}$	7 $\frac{1}{16}$	6	5 $\frac{3}{4}$ lbs.	1.30

HUB CONNECTIONS

For Closet Bends



Fig. 549
Straight Spigot

Fig.	Size Inches	Threaded	Length Overall Inches	Weight Each Lbs.	Price Each
Straight Spigot					
549	2 x 1 $\frac{1}{2}$	1 $\frac{1}{2}$ " IP	4 $\frac{3}{8}$	2 $\frac{3}{4}$	\$.40
	2 x 2	2" IP	4 $\frac{3}{8}$	2 $\frac{3}{4}$	.40
Angle Spigot					
550	2 x 1 $\frac{1}{2}$	1 $\frac{1}{2}$ " IP	5 $\frac{3}{4}$	3 $\frac{1}{4}$	.50
	2 x 2	2" IP	5 $\frac{3}{4}$	3 $\frac{1}{4}$	.50



Fig. 550
Angle Spigot
1/8 Bend

CLOSET BENDS

Hub Inlet. Right and Left Openings, Staggered.

Tapped 1 $\frac{1}{2}$ " or 2" IP Size

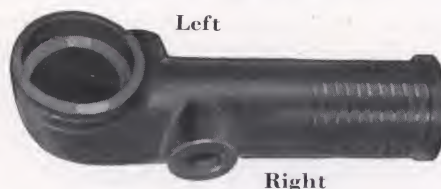


Fig. 546

Fig.	Size Inches	Length Overall Inches	Height Overall Inches	Center Hub to Center 1st Inlet Inches	Center Hub to Center 2nd Inlet Inches	Weight Each Lbs.	Price Each
546	4 x 4 x 14	17	6	3	5 $\frac{1}{2}$	16	\$1.90
"	4 x 4 x 16	19	6	3	5 $\frac{1}{2}$	19	2.25
"	4 x 4 x 18	21	6	3	5 $\frac{1}{2}$	20	2.60

Can also be furnished plain without tappings, with one tapping only, or with opposite tappings as desired. Deduct \$.05 for each tapping omitted.

CLOSET BENDS

Plain Bend—Not Tapped
With Flange



Fig. 552

Fig.	Size Inches	Length Overall Inches	Height Overall Inches	Weight Each Lbs.		Price Each	
				STD	XH	STD	XH
552	4 x 6 x 18	20½	8½	12	21	\$2.30	\$2.40
"	4 x 8 x 18	20½	10½	13	23	2.55	2.65
"	4 x 10 x 18	20½	12½	14	25	2.80	2.90
552	4¼ x 6 x 18	20½	8½	..	21	....	2.40
"	4¼ x 8 x 18	20½	10½	..	23	....	2.65
"	4¼ x 10 x 18	20½	12½	..	25	....	2.90

Fig. 507 Flange regularly furnished unless otherwise ordered.

CLOSET BENDS

With Flange
Extra Heavy
2 Inch Y Hub Inlets

Fig.	Size Inches	Description Viewed from Inlet	Length Overall Inches	Height Overall Inches	Weight Each Lbs.	Price Each
553	4¼ x 6 x 18	RH Hub	20½	8½	21	\$3.70
"	4¼ x 6 x 18	LH Hub	20½	8½	21	3.70
"	4¼ x 6 x 18	2 Hubs	20½	8½	23	4.60
"	4¼ x 8 x 18	RH Hub	20½	10½	23	4.00
"	4¼ x 8 x 18	LH Hub	20½	10½	23	4.00
"	4¼ x 8 x 18	2 Hubs	20½	10½	25	4.90
"	4¼ x 10 x 18	RH Hub	20½	12½	25	4.70
"	4¼ x 10 x 18	LH Hub	20½	12½	25	4.70
"	4¼ x 10 x 18	2 Hubs	20½	12½	27	5.60

Fig. 507 Flanges regularly furnished unless otherwise ordered.

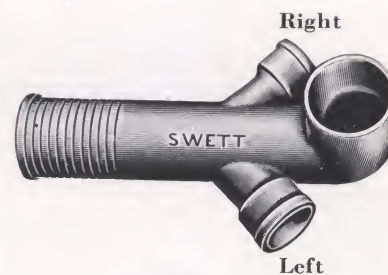


Fig. 553

UNION FERRULES

For Connecting Soil Pipe or Wrought Iron Pipe to Lead Pipe

There are two types of Union Ferrules. Figures 513 and 514 show ferrules with brass pipe extension to which the lead pipe is wiped or soldered.

Figures 516, 517 and 518 show ferrules fitted with machined brass collar which is slipped over the outside of the lead pipe. The lead pipe is then swedged over the end of the brass collar so as to form a tight joint without soldering or packing when the outer threaded coupling is screwed down tight.

These ferrules are regularly furnished with iron body and brass couplings but can be furnished in all brass if desired. Furnished to fit 1¼", 1½" and 2" lead pipe.



Fig. 513

← Brass
← Brass
← Iron

SOLDER JOINT

Soil Pipe Connection

Fig. 513

Brass Union to Solder to Lead Pipe

No.	Soil Pipe Size Inches	Lead Pipe Size Inches	Height Body Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price all Brass
1	2	1¼	3⅞	5⅞	1¾	\$1.00	\$1.40
2	2	1½	3⅞	5⅞	1¾	1.00	1.40
3	2	2	3¾	5⅞	1¾	1.50	2.00

No. 1 wiped inside. Nos. 2 and 3 wiped outside.

UNION FERRULES

SOLDER JOINT

Fig. 513-B

Soil Pipe Connection, $\frac{1}{8}$ Bend

Same as Fig. 513 except with 45° Angle

Brass Union to Solder to Lead Pipe

No.	Soil Pipe Size Inches	Lead Pipe Size Inches	Height Body Inches	Short Height to Bend Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price all Brass
4	2	$1\frac{1}{4}$	5	$2\frac{7}{8}$	$6\frac{1}{2}$	2	\$1.20	\$1.80
5	2	$1\frac{1}{2}$	5	$2\frac{7}{8}$	$6\frac{1}{2}$	2	1.20	1.80
6	2	2	$5\frac{3}{16}$	$3\frac{1}{16}$	$6\frac{11}{16}$	$2\frac{1}{4}$	1.70	2.40

No. 4 wiped inside. Nos. 5 and 6 wiped outside.

SOLDER JOINT

Fig. 514

Tapped Wrought Iron Pipe Connection—Female

Brass Union to Solder to Lead Pipe

No.	Lead Pipe Size Inches	W.I. Pipe Size Inches	Height Body Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price all Brass
7	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$3\frac{3}{16}$	1	\$1.00	\$1.40
8	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$3\frac{3}{16}$	1	1.20	1.60
9	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$3\frac{15}{16}$	$1\frac{1}{4}$	1.20	1.60

No. 8 wiped inside. Nos. 7 and 9 wiped outside.

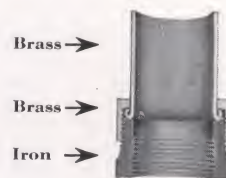


Fig. 514

SOLDER JOINT

Fig. 514-M

Threaded W. I. Pipe Connection—Male

(Same as Fig. 514 except body has Male Thread)

No.	Lead Pipe Size Inches	W. I. Pipe Size Inches	Height Body Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price All Brass
10	$1\frac{1}{4}$	$1\frac{1}{4}$	2	$4\frac{1}{16}$	1	\$1.10	\$1.50
11	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$4\frac{1}{16}$	1	1.10	1.50
12	$1\frac{1}{4}$	2	$2\frac{1}{8}$	$4\frac{3}{16}$	$1\frac{1}{2}$	1.20	1.60
13	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{7}{8}$	$4\frac{1}{16}$	1	1.10	1.50
14	$1\frac{1}{2}$	2	$2\frac{1}{8}$	$4\frac{3}{16}$	$1\frac{1}{2}$	1.20	1.60

Used for connecting lead pipe to Drum Traps or cast iron Closet Bends. Nos. 11 and 12 wiped inside. Nos. 10, 13 and 14 wiped outside.



Fig. 516

← Lead

← Brass

← Brass

← Iron

CLAMP JOINT

Fig. 516

Soil Pipe Connection—Brass Union with
Clamp Sleeve

No Solder or Packing Required

No.	Soil Pipe Size Inches	Lead Pipe Size Inches	Height Body Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price all Brass
15	2	$1\frac{1}{4}$	$3\frac{7}{8}$	$4\frac{13}{16}$	$1\frac{3}{4}$	\$.90	\$1.30
16	2	$1\frac{1}{2}$	$3\frac{11}{16}$	$4\frac{5}{8}$	2	1.10	1.50

UNION FERRULES

CLAMP JOINT

Fig. 517

Soil Pipe Connection, $\frac{1}{8}$ Bend

(Same as Fig. 516 except with 45° Angle)

Brass Union with Clamp Sleeve



Fig. 517

No.	Soil Pipe Size Inches	Lead Pipe Size Inches	Height Body Inches	Short Height to Bend Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price all Brass
17	2	$1\frac{1}{4}$	$5\frac{3}{16}$	$2\frac{7}{8}$	$5\frac{13}{16}$	2	\$1.10	\$1.70
18	2	$1\frac{1}{2}$	$5\frac{3}{8}$	$3\frac{1}{16}$	$5\frac{3}{8}$	2	1.30	1.90

CLAMP JOINT

Fig. 518

Tapped Wrought Iron Pipe Connection—Female

Brass Union with Clamp Sleeve

No Solder or Packing Required

No.	Lead Pipe Size Inches	W. I. Pipe Size Inches	Height Body Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price all Brass
19	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{8}$	2	$\frac{3}{4}$	\$.90	\$1.30
20	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{8}$	2	$\frac{3}{4}$	1.10	1.50
21	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{5}{8}$	1	1.10	1.50

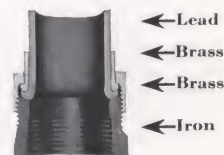


Fig. 518

CLAMP JOINT

Fig. 518-M

Threaded Wrought Iron Pipe Connection—Male

Brass Union with Clamp Sleeve

(Same as Fig. 518 except body has Male Thread)

No.	Lead Pipe Size Inches	W. I. Pipe Size Inches	Height Body Inches	Height Overall Inches	Weight Each Lbs.	Price with Iron Body	Price all Brass
22	$1\frac{1}{4}$	$1\frac{1}{4}$	2	$2\frac{7}{8}$	$1\frac{1}{2}$	\$1.00	\$1.40
23	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{7}{8}$	$1\frac{1}{2}$	1.00	1.40
24	$1\frac{1}{4}$	2	$2\frac{7}{8}$	3	$1\frac{1}{2}$	1.10	1.50
25	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{7}{8}$	$2\frac{3}{4}$	$1\frac{1}{2}$	1.20	1.60
26	$1\frac{1}{2}$	2	$2\frac{1}{8}$	3	$1\frac{1}{2}$	1.30	1.70

Used for connecting lead pipe with Drum Traps or Cast Iron Closet Bends.



Fig. 519

CLAMP JOINT

Fig. 519

BRASS SLEEVES

Soil Pipe to Wrought Iron Pipe

No.	Soil Pipe Size Inches	Brass IP Size Inches	Height Body Inches	Height Overall Inches	Weight Each Lbs.	Price Iron Body	Price all Brass
27	2	$1\frac{1}{4}$	$3\frac{7}{8}$	$5\frac{1}{8}$	$1\frac{3}{4}$	\$1.30	\$1.70
28	2	$1\frac{1}{2}$	$3\frac{11}{16}$	$4\frac{1}{8}$	2	1.50	1.90

UNION FERRULES

CLAMP JOINT

Fig. 519-B

$\frac{1}{8}$ Bend—Brass Sleeve

Soil Pipe to Wrought Iron Pipe

(Same as Fig. 519 except body has $\frac{1}{8}$ Bend)

No.	Soil Pipe Size Inches	Brass IP Size Inches	Height Body Inches	Short Height to Bend Inches	Height Overall Inches	Weight Each Lbs.	Price Iron Body	Price all Brass
29	2	$1\frac{1}{4}$	$5\frac{3}{16}$	$2\frac{7}{8}$	$6\frac{1}{8}$	$2\frac{1}{4}$	\$1.50	\$2.00
30	2	$1\frac{1}{2}$	$5\frac{3}{8}$	$3\frac{1}{16}$	$6\frac{1}{4}$	$2\frac{1}{4}$	1.70	2.00

MELTING POTS

Cast Iron

For Lead, Solder or Babbitt



Fig. 153
Melting Pot

Outside Diam. Inches	Outside Height Inches	Liquid Capacity	Lead Capacity	Weight Each Lbs.	Price Each
4	3	$\frac{3}{4}$ pts.	$8\frac{1}{2}$ lbs.	$1\frac{1}{2}$	\$.40
5	$3\frac{3}{8}$	$1\frac{1}{2}$ "	16 "	$2\frac{1}{2}$	.44
6	4	1 qts.	24 "	$3\frac{1}{2}$	.70
7	$4\frac{3}{8}$	2 "	40 "	5	1.04
8	5	3 "	70 "	8	1.32
9	6	4 "	90 "	14	1.90
10	6	5 "	120 "	16	2.20
12	$6\frac{1}{2}$	8 "	200 "	30	3.70
$13\frac{1}{2}$	$6\frac{3}{4}$	10 "	240 "	32	4.80
15	10	18 "	400 "	60	10.80

All sizes from 4" to 10" diameter are made without lips as shown. Sizes 12", $13\frac{1}{2}$ " and 15" each have a pouring lip on one side and a lifting lug on the other side.

MELTING LADLES

Malleable Iron

Double Lip

For Lead, Solder, or Babbitt

Diameter Bowl Inches	Depth Bowl Inches	Length Handle Inches	Capacity Lead Lbs.	Weight per Doz. Lbs.	Price per Doz.
$2\frac{1}{2}$	$1\frac{1}{8}$	9	1	8	\$2.40
3	$1\frac{3}{8}$	10	2	12	3.50
$3\frac{1}{2}$	$1\frac{3}{8}$	11	$2\frac{3}{4}$	14	4.30
4	$1\frac{5}{8}$	12	$3\frac{3}{4}$	18	4.70
5	$2\frac{1}{8}$	$13\frac{1}{2}$	$8\frac{1}{2}$	27	7.00
6	$2\frac{1}{2}$	$14\frac{1}{2}$	15	36	8.60



Fig. 421
Malleable Ladle

MELTING LADLES

Cast Iron Bowl—Wrought Iron Handle

Double Lip

For Lead or Babbitt

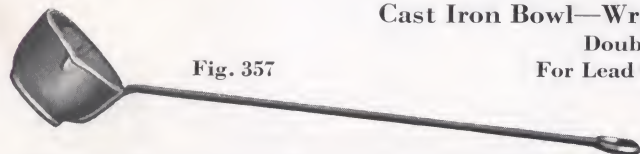


Fig. 357

Diameter Bowl Inches	Outside Depth Inches	Liquid Capacity Quarts	Lead Capacity Lbs.	Length Handle Inches	Weight Each Lbs.	Price Each
5	$4\frac{1}{4}$	1	25	28	8	\$3.00
8	5	$2\frac{1}{2}$	60	36	16	4.50
10	6	5	120	40	20	7.50

BOILER STANDS

Cast Iron

TRIPOD ADJUSTABLE BOILER STAND

Requires no ring. Held rigid by three $\frac{5}{8}$ " x $\frac{1}{4}$ " bolts. All legs interchangeable. Three legs per set nested and wired securely together with bolts make a compact package for shipment and storage.

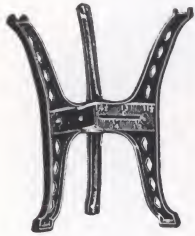


Fig. 358

No.	Figure Number	Height	Weight Each	Price Each Plain	Price Each Galv.
10	358	12"	3½ lbs.	\$.60	\$1.20

Adjustable from 12" to 14½" diameter.

REVERSIBLE BOILER STAND

Cast Iron

For 30 Gal. and 40 Gal. Boilers

Size Height Inches	Figure Number	Max. OD Small Boiler	Max. OD Large Boiler	Weight Each Lbs.	Price Each Plain	Price Each Galv.
12	563	12½"	14½"	4	\$.56	\$1.12
8		12½"	14½"	4	.52	1.04

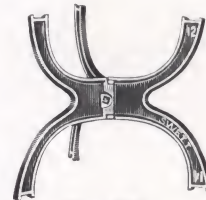


Fig. 563

The 12" Stand is as shown. It is assembled with one bolt and takes either a 30 gallon or 40 gallon boiler. The 8" Stand is designed for basements and rooms with low ceilings. It is similar to Fig. 563 but of somewhat different design, being assembled with three bolts instead of one.

LOCKWOOD RING BOILER STAND



Fig. 155

Size Inches	Figure Number	Maximum Outside Diam. Boiler	Height Stand Inches	Width Yoke Inches	Diam. Base Inches	Weight Each Lbs.	Price Each Plain	Price Each Galv.
11½	155	11½"	19	11½	7½	10½	\$1.25	\$2.50
12	"	12½"	"	"	"	12	1.25	2.50
12½	"	12½"	"	"	"	12½	1.25	2.50
14	"	14½"	"	"	"	13	1.40	2.70
14½	"	14½"	"	"	"	13½	1.40	2.70
16	"	16½"	"	"	"	15	1.75	3.25
18	"	18½"	"	17½	12	22	2.50	4.75
20	"	20½"	"	"	"	25	3.00	5.50
22	"	22½"	"	"	"	28	3.50	6.50
24	"	24½"	"	"	"	30	4.00	7.50

Can be made 30" high for an extra price of \$.40 ea. Plain, \$.80 ea. Galvanized. Each Stand requires two $\frac{1}{4}$ " x 1" Bolts.

SKELETON RING BOILER STAND

Fig. 510

Fig. 510 shows a ring boiler stand without stem. Base and yoke are tapped for standard 1" IP nipple so that different heights can be obtained. Furnished in 12" to 16" sizes only.



Fig. 510

Size Inches	Figure Number	Height Base Inches	Diam. Base Inches	Height Yoke and Ring	Weight Each Lbs.	Price Each Plain	Price Each Galv.
12	510	15½	7	5"	7¼	\$1.10	\$2.10
14	"	"	"	"	8½	1.30	2.40
16	"	"	"	"	12¼	1.80	3.00

RANGE BOILER SIZES

The common sizes of range boilers used are as follows:

12" Diam.	18-30 Gals.	16" Diam.	42- 63 Gals.	20" Diam.	82- 98 Gals.
14" Diam.	24-48 Gals.	18" Diam.	53- 79 Gals.	22" Diam.	100-120 Gals.
		24" Diam.	120-192 Gals.		



Fig. 151

BOILER STANDS

NEW ENGLAND PATTERN

Size Inches	Figure Number	Maximum Outside Diam. Boiler	Height Stand Inches	Width Yoke Inches	Diam. Base Inches	Weight Each Lbs.	Price Each Plain	Price Each Galv.
11½	151	11½"	19	11½	7½	8	\$1.25	\$2.50
12	"	12½"	"	"	"	9	1.25	2.50
12½	"	12½"	"	"	"	9	1.25	2.50
14	"	14½"	"	"	"	9½	1.40	2.70
14½	"	14¾"	"	"	"	10½	1.40	2.70

REPAIR PARTS

RING BOILER STANDS

Figs. 155 and 151

Name	Size Inches	Weight Lbs.	Price Each	Name	Size Inches	Weight Lbs.	Price Each
Ring	11½	2¾	\$.38	Yoke	11½	4	\$.40
"	12	2¾	.38	"	17½	5	.80
"	12½	2¾	.38	Stem	5 x 2	1¼	.14
"	14	4	.52	"	11 x 2	3	.30
"	14½	5	.52	Base	7½	3	.36
"	16	6	.85	"	12	8½	.70
"	18	9¼	1.10	Through Bolt	9½ x ¼		.10
"	20	12¼	1.50	Ring Bolt	1 x ¼		.01
"	22	13	2.00	Cap	2	¼	.05
"	24	14½	2.50				

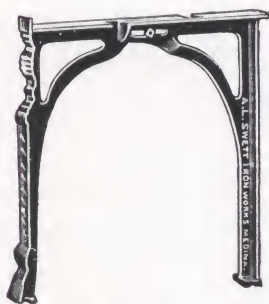


Fig. 157

ADJUSTABLE SINK LEGS

Cast Iron

Fig. No.	Height Inches	Width Inches	Weight Each Lbs.	Price Each Plain	Price Each Galv.
157	24	18 to 24 Adjustable	12½	\$2.30	\$3.90

WASH TRAY LEGS

Cast Iron

No.	Fig. No.	Height Inches	Width Inches	Weight Each Lbs.	Price Each Plain	Price Each Galv.
2	159	16	18	7½	\$.92	\$1.90
2X	"	16	17	7	.82	1.64
3	"	18	16	6½	.98	2.00
4	"	18	18	7½	1.08	2.20


Fig. 159
Alberene Pattern

LAUNDRY TRAY FRAMES

Steel



Fig. 360

No.	Length Inches	Width Inches	Height Inches	Weight Each Lbs.	Price Each
102	24	17	18	14	\$2.00
6	40	15	18	14	2.00
106	40	17	18	14	2.00
10	64	15	18	22	3.00
110	64	17	18	22	3.00

These frames are made of steel angles. They fold into compact bundles for shipping. Very rigid when erected. Cement trays usually take frames 15" wide. Stone trays usually require frames 17" wide. Other sizes furnished on special order.

PERFORATED HANGER BAR

Easily bends into loops for suspending pipes from joists.

No.	Width Inches	Gauge	Weight 10 Ft. Length Lbs.	Price Per 100 Feet
1	$\frac{3}{4}$	16	$11\frac{1}{2}$	\$6.25
2	$\frac{7}{8}$	16	$13\frac{3}{4}$	7.50
3	1	14	$2\frac{1}{2}$	10.65
4	$1\frac{1}{8}$	12	$3\frac{1}{2}$	13.75



Fig. 551

Furnished in Ten Foot Lengths. Made of Soft Steel. Bolt Holes $\frac{1}{2}$ " apart.

IRON DRIVE FERRULES

For Insertion into Lead Pipe to Connect with Soil Pipe

Diam. Inches	Length Inches	Outside Diam. Hub End Inches	Outside Diam. Small End Inches	Weight Each	Price Each
2	3	$2\frac{5}{16}$	$2\frac{1}{16}$	9 oz.	\$.12
2	$4\frac{1}{2}$	$2\frac{5}{16}$	$2\frac{1}{16}$	$1\frac{1}{4}$ lbs.	.18
3	$3\frac{1}{4}$	$3\frac{5}{16}$	$3\frac{1}{16}$	1 lb.	.16
4	$1\frac{1}{2}$	$4\frac{5}{16}$	$4\frac{1}{16}$	12 oz.	.16
4	$3\frac{1}{4}$	$4\frac{5}{16}$	$4\frac{1}{16}$	$1\frac{1}{2}$ lbs.	.20
4	$4\frac{1}{2}$	$4\frac{5}{8}$	$4\frac{1}{16}$	$2\frac{1}{4}$ lbs.	.30



Fig. 139

CONNOLLY SADDLE HUBS

Complete with Bands and Nuts as shown.

For making connections to existing Soil Pipe Lines without cutting off the pipe.



Fig. 166
Tee Hub



Fig. 167
Y Hub

			Tee Hub—Fig. 166				Y Hub—Fig. 167			
Fits Soil Pipe	Size Hub Opening	Inches	Standard Wt. Lbs.	Price Each	Ex. Heavy Wt. Lbs.	Price Each	Standard Wt. Lbs.	Price Each	Ex. Heavy Wt. Lbs.	Price Each
2	x	2	$3\frac{1}{2}$	\$.60	5	\$.70	$3\frac{1}{2}$	\$.72	5	\$.84
3	x	2	$3\frac{1}{2}$	.70	5	.82	5	.80	6	.92
3	x	3	$5\frac{1}{2}$	.74	8	.94	6	.88	8	1.04
4	x	2	4	.72	5	.84	4	.82	6	.94
4	x	3	5	.80	7	.94	$6\frac{1}{2}$	.94	$8\frac{1}{2}$	1.08
4	x	4	5	.90	6	1.00	7	1.04	$10\frac{1}{2}$	1.24
5	x	2	4	.90	5	1.00	4	.96	6	1.12
5	x	3	5	.94	7	1.08	6	1.04	8	1.30
5	x	4	7	1.04	8	1.20	$7\frac{1}{2}$	1.20	$11\frac{1}{2}$	1.54
5	x	5	$7\frac{1}{2}$	1.14	9	1.36	$9\frac{1}{2}$	1.40	$13\frac{1}{2}$	1.84
6	x	2	$4\frac{1}{2}$	.94	5	1.04	5	1.00	6	1.20
6	x	3	5	1.04	$6\frac{1}{2}$	1.14	$5\frac{1}{2}$	1.10	$8\frac{1}{2}$	1.30
6	x	4	$7\frac{1}{2}$	1.14	8	1.30	$7\frac{1}{2}$	1.24	$9\frac{1}{2}$	1.60
6	x	5	9	1.24	$12\frac{1}{2}$	1.60	11	1.54	$12\frac{1}{2}$	1.90
6	x	6	9	1.34	$12\frac{1}{2}$	1.84	$12\frac{1}{2}$	1.90	$16\frac{1}{2}$	2.30

REPAIR PLATES

For Soil Pipe

Furnished complete with bands, nuts and washers.



Fig. 511

Size Inches	Length Inches	Weight Each, Lbs.	Price Each
2	3½	1	\$.22
3	4½	1¼	.34
4	5	2	.44
5	5	2¾	.64
6	5	3½	.86

FRESH AIR INLETS

No. 1 (Fig. 170)

Fits Soil Pipe Hub for Calking

Size Inches	Outside Diam. Hub Inches	Height Overall Inches	Weight Each	Price Each
2	2¾	2¾	14 oz.	\$.15
3	3¾	2¾	1½ lbs.	.20
4	4¾	2½	1¾ lbs.	.25
5	5¾	2¾	2¾ lbs.	.40
6	6¾	3	3½ lbs.	.60



Fig. 170

No. 2 (Fig. 171)

Fits Soil Pipe Spigot

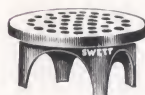


Fig. 171

Size Inches	Outside Diam. Flange Inches	Height Overall Prongs Inches	Weight Each	Price Each
2	2½	1⅞	1¾	9 oz. \$.15
3	3¾	2⅞	2	1¼ lbs. .20
4	4½	3⅞	2	1¾ lbs. .25
5	5⅞	4¾	2	2¾ lbs. .40
6	6½	5¾	2	3½ lbs. .60

Four projecting prongs give secure anchorage.

No. 3 (Fig. 172)

Adjustable—Fits Soil Pipe Spigot

Size Inches	Outside Diam. Inches	Height Overall Inches	Weight Each	Price Each
4	4½	2½	1 lb.	\$.34

Screw crowds Dogs tightly against pipe to insure tight fit.

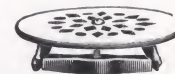


Fig. 172

VENT CAPS

Fig. 429

Fasten to Side of Soil Pipe Spigot



Fig. 429

Size Inches	Outside Diam. Inches	Height Bell Inches	Weight Each	Price Each
4	6	2⅞	2½ lbs.	\$.36

VENT CAPS

READY PATTERN

Fig. 526

Fits Into Spigot End of Soil Pipe

Size Inches	Outside Diam. Inches	Height Bell Inches	Weight Each Lbs.	Price Each
2	4 $\frac{1}{4}$	2	2	\$.64
3	5 $\frac{1}{2}$	2 $\frac{1}{4}$	3	.68
4	6 $\frac{1}{2}$	2 $\frac{1}{2}$	4	.84
5	8 $\frac{1}{4}$	3 $\frac{1}{4}$	5	1.30
6	9	4	5 $\frac{3}{4}$	1.62



Fig. 526

Also furnished with Set Screw if required at extra price.

SHORT CALKING VENT CAP

With Spigot End

Fig. 527

Cap Securely Bolted to Stub Pipe



Fig. 527

Size	Fits Hub Inches	Length Stub Inches	Weight Each Lbs.	Price Each
2" STD	2	5 $\frac{3}{4}$	3 $\frac{1}{2}$	\$.64
2" XH	2	5 $\frac{3}{4}$	4 $\frac{1}{2}$	.78
3" STD	3	6	5 $\frac{1}{2}$	.74
3" XH	3	6	7 $\frac{1}{4}$	.90
4" STD	4	5 $\frac{3}{4}$	6	.94
4" XH	4	5 $\frac{3}{4}$	10	1.16
5" STD	5	5 $\frac{3}{4}$	12	1.94
5" XH	5	5 $\frac{3}{4}$	16	2.34
6" STD	6	5 $\frac{1}{4}$	13	2.08
6" XH	6	5 $\frac{1}{4}$	17	2.60

SHORT CALKING VENT CAP

With Hub End

Fig. 528

Cap Securely Bolted to Stub Pipe

Size	Takes Spigot Inches	Length Stub Inches	Weight Each Lbs.	Price Each
2" STD	2	5 $\frac{3}{4}$	3 $\frac{1}{2}$	\$1.20
2" XH	2	5 $\frac{3}{4}$	4 $\frac{1}{2}$	1.46
3" STD	3	6	7 $\frac{1}{2}$	1.26
3" XH	3	6	9 $\frac{1}{2}$	1.52
4" STD	4	5 $\frac{3}{4}$	8	1.36
4" XH	4	5 $\frac{3}{4}$	12	1.62
5" STD	5	5 $\frac{3}{4}$	14	2.30
5" XH	5	5 $\frac{3}{4}$	18	2.86
6" STD	6	5 $\frac{1}{4}$	16	2.72
6" XH	6	5 $\frac{1}{4}$	20	3.40



Fig. 528

CAST IRON VENT FITTINGS

To Connect Wrought Iron Pipe to Soil Pipe

MANHOFF HUB—Fig. 173

Tapped Small End

Also known as Tapped Short Increaser



Fig. 173

Hub Size Inches	Tapped IP Size Inches	Length Inches	Weight Each Lbs.	Price Each
2	1 1/4	3 1/4	2 1/4	\$.25
2	1 1/2	3 1/4	2 1/4	.25
2	2	3 1/4	2 1/4	.25
3	1 1/4	4	2 3/4	.35
3	1 1/2	4	2 3/4	.35
3	2	4	2 3/4	.35
4	1 1/4	4 1/2	4 1/2	.50
4	1 1/2	4 1/2	4 1/2	.50
4	2	4 1/2	4 1/2	.50
5	1 1/4	4 3/4	7 1/4	.90
5	1 1/2	4 3/4	7 1/4	.90
5	2	4 3/4	7 1/4	.90

Can be used as either Hub or Spigot. When used as a Spigot, the Spigot is always one size larger than the hub size given above.

MANHOFF SHORT CALKING SLEEVE—Fig. 174

Used as Spigot Only

Fits 2" Soil Pipe Hub

Tapped Small End

Fig.	Size Inches	Tapped IP Size Inches	Length Inches	Weight Each Lbs.	Price Each
174	2	1 1/4	3 1/4	1 1/4	\$.20
"	2	1 1/2	3 1/4	1 1/4	.20



Fig. 174

MANHOFF LONG CALKING SLEEVE—Fig. 175

Used as Spigot Only



Fig. 175

Fits 2" Soil Pipe Hub

Hub End Tapped

Fig.	Size Spigot Inches	Tapped IP Size Inches	Length Inches	Weight Each Lbs.	Price Each
175	2	1 1/4	5 1/2	2	\$.25
"	2	1 1/2	5 1/2	2	.25
"	2	2	5 1/2	2	.35

INCREASERS

SHORT INCREASER

Cast Iron—Soil Pipe to Soil Pipe
Large End is a Hub—Small End is a Spigot



Fig. 531
Short
Inserter

Size Spigot	Size Hub Inches	Length Overall Inches	Weight Each Lbs.	Price Each
2" STD	3	7 1/2	3 1/4	\$.92
2" XH	3	7 1/2	6	1.14
2" STD	4	8 1/4	5	.92
2" XH	4	8 1/4	7 1/2	1.14
2" STD	5	8 3/4	7	1.30
2" XH	5	8 3/4	9 1/2	1.60
2" STD	6	9 3/4	8 3/4	2.00
2" XH	6	9 3/4	13 3/4	2.36
3" STD	4	7 1/4	5 1/4	2.00
3" XH	4	7 1/4	7 3/4	2.36
3" STD	5	8 1/4	6 1/2	2.00
3" XH	5	8 1/4	9 3/4	2.36
3" STD	6	9	9 1/4	2.00
3" XH	6	9	12	2.36
4" STD	5	8 1/2	7 3/4	2.00
4" XH	5	8 1/2	11	2.36
4" STD	6	9 1/2	9 1/4	2.00
4" XH	6	9 1/2	13	2.36
5" STD	6	10	10 3/4	2.50
5" XH	6	10	15	3.12
6" STD	8	12 1/2	18	2.20
6" XH	8	12 1/2	27 1/2	5.50

TAPPED INCREASERS

Cast Iron—Wrought Iron Pipe to Soil Pipe

Spigot Tapped	Size Hub	Length Overall Inches	Weight Each Lbs.	Price Each
1 1/4" IP	3" STD	7 1/2	4 1/2	\$1.44
	3" XH	"	6	1.74
1 1/2" IP	3" STD	"	4 1/2	1.44
	3" XH	"	6	1.74
2" IP	3" STD	"	4 1/2	1.44
	3" XH	"	6	1.74
1 1/4" IP	4" STD	8 1/4	5 3/4	1.54
	4" XH	"	7	2.00
1 1/2" IP	4" STD	"	5 3/4	1.54
	4" XH	"	7	2.00
2" IP	4" STD	"	5 1/2	1.54
	4" XH	"	8	2.00



Fig. 532
Tapped
Inserter

LONG INCREASERS

Extra Heavy—Cast Iron

Spigot End Regular—Large End Straight

No Hub. Commonly used to extend Vent Pipe through roof of building. Oversize outlet required in cold climates to prevent Hoar Frost from closing the opening.



Fig. 533
Long Inserter

Size Spigot	Inside Diam. Large End Inches	Length Inches	Weight Each Lbs.	Price Each
2" XH	3	24	18	\$1.82
2" XH	4	30	24	2.10
4" XH	5	30	30	2.54

SINGLE HUB

Cast Iron



Fig. 534

Single Hub

Size Spigot	Size Hub Inches	Length Inches	Weight Each Lbs.	Price Each
2" STD	2	4½	2¼	\$.52
2" XH	2	4½	4½	.62
3" STD	3	4¾	3½	.66
3" XH	3	4¾	6	.92
4" STD	4	4¾	4½	.72
4" XH	4	4¾	8	.92
5" STD	5	5¼	6¼	1.28
5" XH	5	5¼	11½	1.60
6" STD	6	6¼	6½	1.88
6" XH	6	6¼	13½	2.50
8" STD	8	8¼	8	2.76
8" XH	8	8¼	14	3.86

DOUBLE HUB

Cast Iron



Fig. 535

Double Hub

For Joining Two Spigots

Takes Spigot	Size Hub Inches	Length Inches	Weight Each Lbs.	Price Each
2" STD	2	5	3	\$.42
2" XH	2	5	6	.48
3" STD	3	5½	4½	.52
3" XH	3	5½	7	.78
4" STD	4	6	7	.62
4" XH	4	6	9¼	.78
5" STD	5	6½	8½	1.04
5" XH	5	6½	11½	1.30
6" STD	6	7	10	1.20
6" XH	6	7	16	1.60
8" STD	8	8¾	17½	2.76
8" XH	8	8¾	28	3.86

SLEEVE

Cast Iron



For Joining Two Hubs

Fig. 536
Sleeve

Size Spigot	Length Inches	Weight Each Lbs.	Price Each
2" STD	3¾	2¼	\$.62
2" XH	3¾	4	.78
3" STD	5½	3¾	.78
3" XH	5½	7¼	.96
4" STD	5	6	.78
4" XH	5	9	.96
5" STD	6¼	7½	1.30
5" XH	6¼	11	1.60
6" STD	6¾	10	1.88
6" XH	6¾	15½	2.36
8" STD	8	12	2.76
8" XH	8	14	3.86

REDUCER

Cast Iron



Large End is a Spigot—Small End is a Hub Fig. 537
Reducer

Size Spigot	Size Hub	Length Inches	Weight Each Lbs.	Price Each
3" STD	2" STD	5¾	3½	\$.42
3" XH	2" XH	5¾	5½	.48
4" STD	2" STD	6¼	4	.42
4" XH	2" XH	6¼	6¾	.48
4" STD	3" STD	6½	4½	.48
4" XH	3" XH	6½	7½	.58
5" STD	2" STD	7¼	5	.62
5" XH	2" XH	7¼	7¾	.78
5" STD	3" STD	7½	6¼	.62
5" XH	3" XH	7½	8½	.78
5" STD	4" STD	7	6	.62
5" XH	4" XH	7	9¾	.78
6" STD	2" STD	7¼	7	.62
6" XH	2" XH	7¼	9½	.78
6" STD	3" STD	7	6¾	.88
6" XH	3" XH	7	10½	1.10
6" STD	4" STD	7¼	8½	.88
6" XH	4" XH	7¼	11	1.10
6" STD	5" STD	7	8	.88
6" XH	5" XH	7	11½	1.10
8" STD	6" STD	11	17	2.76
8" XH	6" XH	11	22½	4.70

HUB PLUG

For Soil Pipe



Fig. 538

Plug or Stopper

Small end solid. Comes flush with top of hub. Has sufficient clearance to permit calking.

Size	Fits Hub	Length Inches	Weight Each Lbs.	Price Each
2" STD	2" STD	2	1	\$.28
2" XH	2" XH	2	1½	.32
3" STD	3" STD	2¼	1½	.42
3" XH	3" XH	2¼	2½	.48
4" STD	4" STD	2½	2½	.48
4" XH	4" XH	2½	4	.62
5" STD	5" STD	2½	3	.62
5" XH	5" XH	2½	4¼	.78
6" STD	6" STD	2¾	4½	.78
6" XH	6" XH	2¾	6¾	.92
8" STD	8" STD	3	7¼	1.32
8" XH	8" XH	3	11	1.66

PIPE REST



Fig. 539

Fits over Soil Pipe under hub. Supports stack in vertical position.

Size	Length Inches	Weight Each Lbs.	Price Each
2" STD	9½	2¼	\$.32
2" XH	9½	3	.42
3" STD	10½	2½	.42
3" XH	10½	3½	.48
4" STD	11¾	2¾	.42
4" XH	11¾	4	.48
5" STD	12½	3	.78
5" XH	12½	4½	.94
6" STD	13¼	3¾	1.00
6" XH	13¼	5	1.20
8" STD	20	5	1.82
8" XH	20	9½	2.34

TEST PLUGS

For Soil Pipe

To insure a sanitary, leak proof, plumbing installation, all pipe lines must be tested. Expanding Test Plugs furnish the quickest and easiest method of sealing soil pipe lines for such tests. These are made in different styles and sizes to suit various conditions. Sizes given are for the pipe bore at spigot end. For hub ends use size 1 inch larger than for spigot end.

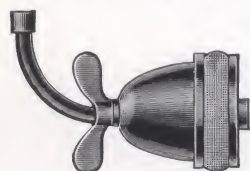


Fig. 580
Single Plug

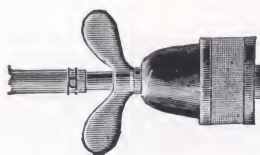


Fig. 583
Smoke Plug

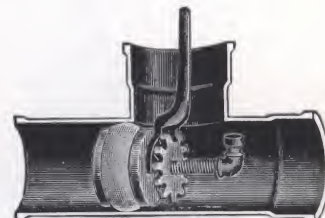


Fig. 581
Ratchet Plug



Fig. 582
Ratchet Wrench

SINGLE SOIL PIPE PLUGS

Fitted with threaded connections for water test.

Pipe Size Inches	Fig. No.	Diam. Plug Inches	Width Plug Inches	Weight Each Pounds	Price Extra Rubbers	Price Each Complete
2	580	1 3/4	1 3/8	1 1/2	\$.14 each	\$1.40
3	"	2 1/8	2	2 3/4	.34 "	1.80
4	"	3 5/8	2 3/8	3 1/2	.64 "	2.50
5	"	4 3/8	2 5/8	4 3/4	.96 "	2.90
6	"	5 9/8	2 5/8	6 1/4	1.10 "	3.40
8	"	7 3/8	2 15/16	11	2.92 "	5.90
10	"	9 1/2	3 3/8	23	5.04 "	10.00

Above dimensions and prices apply also to Ratchet Plug, Fig. 581.

Ratchet Wrenches, Fig. 582, furnished to fit all sizes, \$.30 each. Specify size required.

Smoke Plugs, Fig. 583, take double the prices given for water plugs in the above table. Smoke Plugs furnished in 2, 3, 4, 5 and 6 inch sizes only.

DOUBLE PLUGS

Straight and Reducing

Straight Plugs have both plugs alike. Reducing Plugs have one plug one size smaller. Double plugs are priced by the hub size or larger plug used in every case.



Fig. 584
Double Plug

SIZE	2	3	4	5	6	8	10	12
PRICE	\$4.20	\$5.80	\$7.50	\$10.00	\$12.40	\$18.20	\$23.00	\$28.10

TEST PLUGS

SOIL TEE AND Y PLUGS

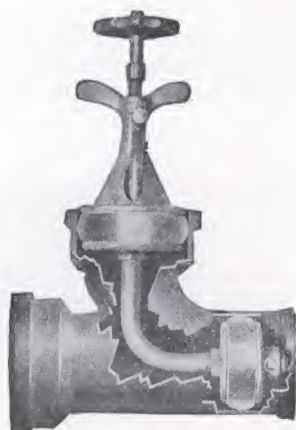


Fig. 586
Tee Plug
Double Reducing

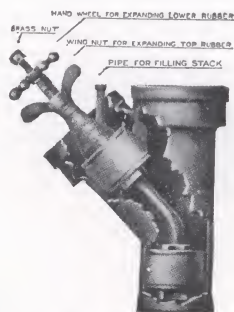


Fig. 587
Y Branch Plug
Double Non-reducing

These plugs have the same dimensions and use the same rubbers as shown in the table for "Single Soil Pipe Plugs" Fig. 580 above. Prices given below are always based on larger plug if of double reducing type.

DOUBLE TEE PLUG

Fig. 586

SIZE	2	3	4	5	6	7	8
PRICE	\$6.18	\$8.00	\$10.50	\$13.20	\$15.90	\$19.40	\$24.60

Y BRANCH PLUG

Fig. 587

SIZE	2	3	4	6	8	10
PRICE	\$4.40	\$6.20	\$8.00	\$13.20	\$19.40	\$24.70

TEST TEE PLUGS

Fig. 585

Can be inserted quickly in Test Tee by removing brass plug. Have threaded connections for filling stack.



Fig. 585
Test Tee Plug

Pipe Size Inches	Diam. Plug Inches	Width Plug Inches	Weight Each Pounds	Price Extra Rubbers	Price Each Complete
2	1 3/4	1 1/2	4	\$.14 each	\$ 8.40
3	2 1/2	2 3/8	5 1/4	.34 "	9.40
4	3 1/8	2 3/4	6 1/4	.64 "	10.80
5	4 1/8	2 3/4	8 1/2	.96 "	11.60
6	5 1/8	3	10 3/4	1.10 "	12.60
8	7 1/8	3 3/4	16 3/4	2.92 "	23.50
10	9 1/8	3 3/4	23	5.04 "	29.30

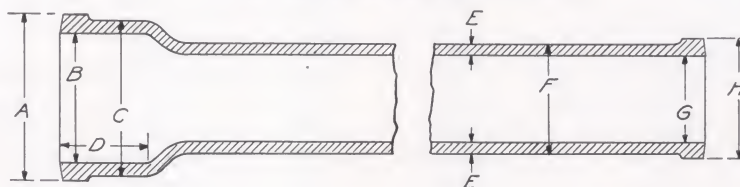
These plugs are of smaller diameter than regular Soil Pipe Test Plugs so that they can be turned at right angles into the bore of a straight sided cleanout tee after removing brass cover.

STANDARD SPECIFICATIONS

Cast Iron Soil Pipe and Sewer Pipe Tile

The specifications given below show the approximate standard dimensions of cast iron soil pipe and sewer pipe tile. These tables will be found very useful in connection with the various items described in this Bulletin which are used so many times in connection with soil and sewer pipe.

Dimensions of Cast Iron Soil Pipe
Soil pipe laying lengths are 60" long



Standard								Extra Heavy									
Size	A	B	C	D	E	F	G	H	Size	A	B	C	D	E	F	G	H
2	3 1/8	2 1/8	3 1/8	2 3/8	3/8	2 1/4	1 1/8	2 3/8	2	4 1/8	3 1/8	3 1/8	2 1/4	3/8	2 1/2	2 1/8	2 3/8
3	4 1/8	3 1/8	4 1/8	2 7/8	3/8	3 1/4	2 3/8	3 3/8	3	5 1/8	4 1/8	4 1/8	2 1/2	3/8	3 1/2	2 3/8	3 3/8
4	5 1/8	4 1/8	5 1/8	2 11/8	3/8	4 1/4	3 3/8	4 3/8	4	6 1/8	5 1/8	5 1/8	2 3/4	3/8	4 1/2	3 3/8	4 3/8
5	6 1/8	5 1/8	6 1/8	2 3/4	3/8	5 1/4	4 3/8	5 3/8	5	7 1/8	6 1/8	6 1/8	2 3/4	3/8	5 1/2	4 3/8	5 3/8
6	7 1/8	6 1/8	7 1/8	2 11/8	3/8	6 1/4	5 3/8	6 3/8	6	8 1/8	7 1/8	7 1/8	2 3/4	3/8	6 1/2	5 3/8	6 3/8
8	10 1/8	9 3/8	9 3/8	3 1/8	3/8	8 1/4	7 3/8	8 3/8	8	10 7/8	9 1/2	10 1/2	3 1/8	3/8	8 1/2	7 3/8	9 3/8
10	12 1/8	11 3/8	12 1/8	3 1/4	3/8	10 1/4	9 3/8	10 3/8	10	13 1/8	11 5/8	12 3/4	3 1/4	3/8	10 1/2	9 3/8	11 3/8
12	14 1/8	13 1/8	14 1/8	3 1/4	3/8	12 1/4	11 3/8	12 3/8	12	15 1/8	13 3/8	14 3/4	3 1/4	3/8	12 1/2	11 3/8	13 3/8

Fig. No. 541

Above Dimensions are in Inches.

SPECIFICATIONS OF SEWER PIPE TILE

Dimensions are in Inches

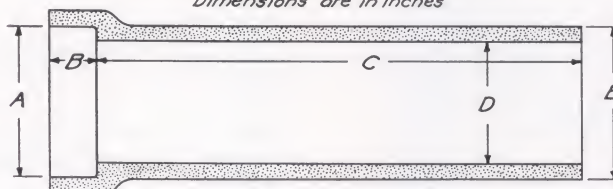


Fig. No. 548

Single Strength						
Size	Weight per ft.	A	B	C	D	E
3	5	4 1/8	1 1/4	24	3	4
4	7 1/2	5 7/8	1 3/4	24	4	5 1/8
5	11	7 1/8	2	24	5	6 1/4
6	13	8 1/8	2 1/4	24-36	6	7 1/4
8	20	10 1/8	2 1/2	24-36	8	9 1/2
10	30	12 3/4	2 1/2	24-36	10	11 3/4
12	42 1/2	15	2 1/2	24-36	12	14
15	60	18 1/4	2 1/2	24-36	15	17 1/4
18	80	21 1/2	3	24-36	18	20 1/2
20	100	23 3/8	3	24-36	20	22 3/4
21	112	25 3/8	3	24-36	21	24
22	122	26 1/2	3	24-36	22	25 1/4
24	140	28 1/2	3	24-36	24	27 1/4
27	195	32 1/2	3 1/2	30-36	27	31
30	230	35 3/8	3 1/2	30-36	30	34 1/4
33	300	39 3/8	4	30-36	33	37 1/2
36	350	43 3/8	4	30-36	36	41

Double Strength						
Size	Weight per ft.	A	B	C	D	E
4	7 1/2	5 7/8	1 3/4	24	4	5 1/8
5	11	7 1/8	2	24	5	6 1/4
6	13	8 1/8	2 1/4	24-36	6	7 1/4
8	20	10 1/8	2 1/2	24-36	8	9 1/2
10	30	12 3/4	2 1/2	24-36	10	11 3/4
12	42 1/2	15	2 1/2	24-36	12	14
15	70	18 1/4	2 1/2	24-36	15	17 1/2
18	100	21 1/2	3	24-36	18	21
20	125	24 3/8	3	24-36	20	23 1/4
21	135	25 3/8	3	24-36	21	24 3/8
22	155	26 3/8	3	24-36	22	25 3/4
24	175	29 3/8	3	24-36	24	28
27	215	32 3/8	3 1/2	30-36	27	31 1/2
30	275	36 3/8	3 1/2	30-36	30	35
33	340	39 3/4	4	30-36	33	38 1/2
36	390	43 3/4	4	30-36	36	41 1/2

The above dimensions conform to Eastern Standards. Western Standards are similar but the inside hub depths are slightly less and the inside hub diameters are slightly greater up to the 24" size. Above the 24" size they are alike.

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GENERAL INFORMATION

IN this catalogue we have endeavored to give much more detailed information concerning our products than we have done in previous issues.

INSTRUCTIONS FOR ORDERING . . . When ordering material from our catalogue always specify the **SIZE** and **FIGURE** Number of each article wanted. Many mistakes and much correspondence are caused by lack of such information.

DIMENSIONS . . . All dimensions are approximate. They are given to assist the purchaser in selecting the articles required but are subject to considerable variation.

FREIGHT ALLOWANCE . . . All goods are sold F.O.B. Medina, N. Y. We allow freight to a limited area on shipments amounting to 300 pounds or more. Freight allowance is based on the actual net weight of the material and does not include the weight of crating or boxing. Catalogue weights are based on actual or estimated net weights but are not guaranteed. Due allowance should be made for weight variation in making up orders.

RETURNED GOODS . . . No material can be returned for credit without first obtaining our permission and instructions for shipment. A charge of 10 per cent plus transportation costs will ordinarily be made for placing returned material back into stock. Special material and catalogue items not regularly carried in stock cannot be returned for credit.

DAMAGED SHIPMENTS . . . Our responsibility ceases when we deliver material to the Carrier for shipment. Customers should make claims for damage directly against the Carrier. We will, however, gladly cooperate in assisting our customers to collect such claims.

BOXING CHARGES . . . Parcel Post and Express Shipments usually require special boxing which is charged for at cost. Our regular charge for special and export boxing on freight shipments is 10 per cent of the value of the shipment.

DELIVERIES . . . Standard articles in common sizes are regularly carried in stock. Slow selling articles in uncommon sizes are made up to order only. When an order calls for both stock items and "to order" items the entire order must be held up until the "to order" items are ready in order to give freight allowance. If prompt delivery is urgent, always mark orders as follows: "*Disregard freight allowance. Ship all items in stock at once.*" Stock items will then go forward at once and "to order" items will follow as soon as ready.

AGREEMENTS . . . All agreements are made contingent upon strikes, fires or other causes beyond our control.

*Other Bulletins Issued by
The A. L. Swett Iron Works*

Bulletin No. 312	{	Building Specialties and Contractors' Equipment
Bulletin No. 314	- -	Stable Equipment
Bulletin No. 315	- - -	Lawn Furniture

MARCH 14, 1939

A. L. SWETT IRON WORKS**MEDINA, N. Y.****PRICE SHEET**

Applying to
BULLETIN No. 311 **PLUMBING FITTINGS**

ALL PREVIOUS PRICES ARE HEREBY WITHDRAWN
 ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Page		Price
4	Fig. 520—Backwater Traps	
	2"	\$ 6.60
	3"	7.80
	4"	8.20
	5"	11.60
	6"	12.00
	8"	33.00
	Repair Parts for Fig. 520—65% off catalog lists.	

5 †	Drum Traps with N. P. Covers	Plain Galv.
	Fig. 448—4 x 5 1/4", 2 Tappings.	\$1.20 \$2.10
	Fig. 450-464—4 x 8, 2 Tappings.	1.40 2.30
	For each additional tapping—Add	.30
	N. P. Drum Trap Covers only..	.70

5	Fig. 545—Bath Trap with N. P. Cover	
	1 1/2" IPS	1.44 1.90
	Body only without cover .....	.84 1.30
	N. P. Bath Trap cover only ....	.60

6	Fig. 543 or 544—Stack Base Fittings	
	4"	\$ 4.20

6	Fig. 542—Sisson Insertable Joint with Lead Ring	Std.	X. H.
	2"	\$ 1.40	\$ 1.50
	3"	1.70	1.90
	4"	1.80	2.00
	5"	2.70	3.00
	6"	3.20	3.50
	8"		12.00

†DANDY CLEANOUT TEES

7	Flanged Cover—Full Opening for Test Plug	
	Fig. 177 Std. Fig. 178 X.H.	
	2"	\$.90 \$ 1.10
	3"	1.40 1.60
	4"	1.50 1.70
	5"	3.70 4.20
	6"	4.50 5.00
	8"	15.50

† Price Change

Page		Price
7	Plug Cover—Full Opening for Test Plug	
	Fig. 184 Std. Fig. 185 X. H. Fig. 195 Boston X. H.	
	2"	\$1.06 \$ 1.20 \$ 1.20
	3"	1.50 1.60 1.60
	4"	1.70 1.86 1.80
	5"	3.90 4.20 4.50
	6"	4.50 5.00 5.50
	8"	15.50 16.00

END CLEANOUTS

8 †	Fig. 161	Fig. 161 1/2
	Std. Plug Cover Full Opening	Std. Plug Cover Small Opening
	2"	\$.36 \$.30
	3" .....	.54 .46
	4" .....	.64 .52
	5"	1.60 1.20
	6"	2.06 1.60
	8"	6.20 5.80

8-9	Fig. 160	Fig. 160 1/2	Fig. 434
	Standard Flange Cover Full Opening	Standard Flange Cover Small Opening	Detroit Code Plug Cover
	2" \$.40	\$.34	\$.51
	3" .... .56	.52	.72
	4" .... .66	.60	.90
	5" 1.64	1.30	2.43
	6" 2.16	1.70	2.97
	8" 6.40	6.00	7.70

9	Fig. 162	Fig. 1620
	X. H. Boston & Ohio 1" Hollow Nut	X. H. N. Y. City 1" Solid Nut
	2"	\$.44 \$.60
	3" .....	.60 .76
	4" .....	.68 .80
	5"	1.70 2.00
	6"	2.40 2.70
	8"	6.40 6.80
	10"	10.00 11.00
	12"	16.00 17.00

Page	Fig. 1621 X. H.	Fig. 413	Price
10	N. Y. Comp.	Milwaukee	Baltimore
2"	\$.36	\$.56	\$.42
3" .....	.54	.70	.70
4" .....	.60	.84	.74
5"	1.44	1.90	1.90
6"	2.00	2.40	2.50
8"	6.20	7.60	6.80
Extra charge for Countersunk Nuts on Fig. 160, 161, 162 and 434 Trapscrew Ferrules.			
2" .....	.08	6" .....	.40
3" .....	.10	8" .....	.60
4" .....	.12	10"	1.00
5" .....	.30	12"	1.50

10 Fig. 1650—Extension Ferrules, X. H. With Brass Cleanout Plug			
3"	\$2.10	4"	\$2.50

- 11 **Brass Covers and Plugs**
 70% of price of the complete Cleanout which they fit.
 Fig. 177 and 178 Dandies take Fig. 160 Covers.
 Fig. 184 and 185 Dandies take Fig. 161 Covers.
 Fig. 195 Boston Dandies take Fig. 162 Covers.

12 SINKS

Fig. 130—C. I. Square Corner Sinks

	Plain	Galv.
12 x 12	\$ 2.42	\$ 4.84
12 x 18	2.75	5.72
14 x 20	3.30	7.04
16 x 20	3.74	7.70
16 x 24	4.18	8.80
16 x 28	4.62	9.90
16 x 30	4.95	10.45
18 x 24	4.62	9.46
18 x 30	5.00	10.20
18 x 36	6.50	13.00
20 x 24	4.80	10.00
20 x 30	6.00	12.50
20 x 36	7.40	15.50
20 x 40	8.00	17.50
20 x 42	8.50	18.00
20 x 48	10.60	23.00
22 x 36	8.00	16.50
22 x 42	9.50	20.00
24 x 48	12.00	24.50

Extra charge for crating Sinks separately:
 Up to and including 20" long \$.72
 Above 20 and including 30" long.... 1.08
 Above 30 and including 40" long.... 1.32
 Above 40 and including 48" long.... 1.68

13

Fig. 140—Slop Sinks—Without Bell Trap

		Depth	Plain	Galv.
No. 1	16 x 16	10"	\$ 5.28	\$ 9.90
No. 2	14 x 20	13"	6.94	13.20
No. 3	16 x 20	13"	7.92	15.40
No. 4	20 x 24	13"	9.90	19.26
No. 5	20 x 30	13"	15.84	30.80
No. 6	20 x 36	13"	19.80	37.40

Other Fittings furnished extra as follows:

No. 2 Tapped Coupling Fig.		
136 .....	.68	1.36
No. 2 Plug Strainer Fig. 134	.72	1.44
Patent Overflow	3.30	4.40

Page						Price
13	Fig. 141—Slop Hoppers with Bell Trap					
	No. 11	12 x 12	Depth	Plain	Galv.	
			8 3/8" ..	\$ 3.60	\$7.00	
	No. 12	15 x 15	14 1/4" ..	5.00	9.50	
	No. 14	18 x 18	13" ..	7.00	13.00	
14	Fig. 142—Harris Slop Sink with Bell Trap					
	No. 8	12 x 12		Plain	Galv.	
			7" ...	\$3.60	\$ 7.00	
	No. 9	14 x 14	8 3/4" ...	4.80	9.50	
	No. 10	16 x 16	9 3/4" ...	6.60	13.00	
14	Fig. 143—Fletcher Slop Sink—To Calk					
	No. 15	16 x 16	7 1/8" ...	5.06	10.12	

15	Fig. 148—Hydrant Cesspool—Without Bell Trap				
			Plain		
	No. 1	12 x 12	5"	\$1.96	
	No. 2	14 x 14	5 1/4"	2.60	
	No. 3	16 x 16	6"	3.60	
	No. 3 1/2	16 x 16	9"	4.94	

15	Fig. 149—Hydrant Cesspool—With Bell Trap				
	No. 4	12 x 12	5"	3.78	
	No. 5	14 x 14	5 1/4"	4.40	
	No. 6	16 x 16	6"	5.04	

6	*Fig. 146—Cellar Trap—With Bell and Strainer				
	9 x 9	.....		\$1.08	
	12 x 12	.....		2.16	
	15 x 15	.....		3.36	

BELL TRAP CESSPOOLS

16 *One Piece Cover		
	Fig. 459	Fig. 460
	Loose Cover	Hinged Cover
4 x 4	.....\$ .56	\$
6 x 6	......60	.70
8 x 8	.....1.30	1.44
9 x 9	.....1.30	1.44
12 x 12	.....1.90	2.30

17-18	Two Piece Cover			
	Fig. 495	Fig. 498		
	Loose Cover	Hinged Cover		
	Std.	X. H.	Std.	X. H.
	6 x 6 ..	\$.66 \$1.00	\$.80	\$1.20
	8 x 8 ..	1.36 1.80	1.50	2.00
	9 x 9 ..	1.44 2.00	1.60	2.20
	10 x 10 ..	1.76 2.60	2.00	2.90
	12 x 12 ..	2.20 3.60	2.40	4.00
	13 x 13 ..	2.80 4.00	3.10	4.60
Double above prices if galvanized.				

18	Side Outlet Cesspools				
	Fig. 509L		Fig. 509H		
	Loose Strainer		Hinged Strainer		
		Std.	X. H.	Std.	X. H.
	6 x 6	.. \$2.20	\$2.70	\$2.40	\$2.90
	9 x 9	.. 3.50	4.30	3.70	4.60
	12 x 12	.. 7.00	8.20	7.30	8.90
	I. P. Tapped Outlets on Cesspools				
	¾ "-2"	.. \$.60	3" .. \$.80	4" .. \$1.00	
19	Fig. 498B			Fig. 460 or 498	
	Brass Top			All Brass	
	6 x 6	.....	\$ 3.80	\$ 5.20	
	8 x 8	.....		9.20	
	9 x 9	.....	7.00	9.40	
	12 x 12	.....	12.50	18.40	

Page		Price
19	Fig. 227—Long Spigot Cesspools	
	6 x 6 4" Spigot Std. X. H.	
	9 x 9 8" Spigot \$2.16 \$3.00	
	12 x 12 8" Spigot 3.30 4.32	
	12 x 12 8" Spigot 5.16 6.96	
20	*Fig. 150—Double Grate Cesspools—Short Spigot	
	Fig. 150 Fig. 150C	
	12 x 12 \$5.72 \$ 6.22	
	16 x 16 8.80 9.30	
	16 x 16 9.90 10.40	
20	*Fig. 224—Double Grate Cesspools—Long Spigot	
	12 x 12 8" Spigot \$ 8.60	
	12 x 12 12" Spigot 9.90	
	16 x 16 8" Spigot 12.00	
	16 x 16 12" Spigot 13.00	
21	*Fig. 399—E-Z Kleen Garage Trap	
	14 x 14" with Removable Mud Tray .. \$24.20	
	Trap only 3.30	
21	*Fig. 221—Garage Mud Trap	
	12 x 13"—12" deep \$13.20	
21	*Fig. 226—Floor Drain	
	12 x 12" \$ 2.20	
22-23	Repair Parts for Cesspools	
	45% off catalog lists.	
23	Fig. 229—Cesspool Grates	
	8 x 12 \$1.54	
	9½ x 9½ 1.98	
	9½ x 10¾ 1.98	
	12 x 12 2.76	
	13½ x 13½ 3.08	
	15 x 15 3.96	
	18 x 18 6.06	
	24 x 24 7.70	
23	Fig. 238—Frame and Grating	
	No. 1 12 x 12 \$4.40	
	No. 2 16 x 16 6.16	
24	*Cesspool Plates	
	Fig. 152 Fig. 152½	
	Square Round	
	4" \$.13 \$.13	
	5" ..... .15 .15	
	6" ..... .20 .20	
	7" ..... .29 .29	
	8" ..... .40 .40	
	9" ..... .53 .53	
	10" ..... .60 .60	
	12" ..... .92 .92	
24	*Fig. 169½—Square Bar Cesspool Grates	
	4 x 4 \$.15	
	5 x 5 ..... .17	
	6 x 6 ..... .24	
	7 x 7 ..... .33	
	8 x 8 ..... .44	
	9 x 9 ..... .62	
	10 x 10 ..... .72	
	11 x 11 ..... .92	
	12 x 12 1.04	

Page		Price
24	*Fig. 169—Round Bar Grates	
	Pipe Strainers for Soil Pipe Hubs	
	3" Dia. to Fit 2" Pipe \$.09	
	4" Dia. to Fit 3" Pipe ..... .13	
	5" Dia. to Fit 4" Pipe ..... .15	
	6" Dia. to Fit 5" Pipe ..... .20	
	7" Dia. to Fit 6" Pipe ..... .33	
	8" Dia. to Fit 7" Pipe ..... .44	
	9" Dia. to Fit 8" Pipe ..... .60	
24	*Fig. 169—Round Bar Grates	
	Pipe Strainers for Sewer Pipe Hubs	
	3½" Dia. to Fit 2" Pipe \$.12	
	4½" Dia. to Fit 3" Pipe ..... .18	
	5½" Dia. to Fit 4" Pipe ..... .20	
	6½" Dia. to Fit 5" Pipe ..... .33	
	7½" Dia. to Fit 6" Pipe ..... .40	
	10" Dia. to Fit 8" Pipe ..... .80	
	12" Dia. to Fit 10" Pipe 1.21	
	14" Dia. to Fit 12" Pipe 2.30	
	18" Dia. to Fit 15" Pipe 4.40	
24	*Fig. 420—Heavy Sewer Pipe Grates	
	5½" Dia. to Fit 4" Pipe \$.77	
	7½" Dia. to Fit 6" Pipe 1.54	
	10" Dia. to Fit 8" Pipe 1.76	
	12" Dia. to Fit 10" Pipe 1.98	
	14½" Dia. to Fit 12" Pipe 3.30	
	18" Dia. to Fit 15" Pipe 4.18	
	21" Dia. to Fit 18" Pipe 7.92	
	28" Dia. to Fit 24" Pipe 19.80	
25	*Fig. 154—Sink Brackets—Adjustable	
	Plain Galv.	
	No. 0 9½ x 11½ .. Per. Pr. \$.70 \$1.20	
	No. 1 10½ x 13½ .. Per. Pr. .78 1.30	
	No. 2 12 x 16 .. Per. Pr. .88 1.60	
	No. 3 16 x 18 .. Per. Pr. 1.54 2.66	
	Fig. 154½	
	No. 5 12 x 15 .. Per. Pr. .77 1.30	
25	Fig. 328—Extension Sink Bracket	
	Plain Galv.	
	No. 10 11 x 13½ .. Per. Pr. \$1.10 \$2.20	
	SINK FITTINGS	
25	Fig. 133—Open Sink Strainers	
	Plain Galv.	
	4" to 5¼" \$.13 \$.26	
26	Fig. 134—Plug Strainers	
	With Rubber Plug and Chain	
	No. 1—4¾" Dia. \$.60 \$1.20	
	No. 2—5¼" Dia. ..... .72 1.44	
26	Fig. 135—Lead Pipe Sink Couplings	
	No. 1—1½" IPS \$.12 \$.24	
	No. 2— 2" IPS ..... .20 .40	
26	Fig. 136—Tapped Sink Couplings	
	No. 1—1¼", 1½" or 2" IPS.. \$.24 \$.48	
	No. 2—1¼", 1½" or 2" IPS.. .34 .68	
26	Fig. 137—Sink Bolts with Two Nuts	
	Each Per 100	
	2 x ¼" \$.05 \$2.50	
	2¼ x ¼" ..... .05 2.60	
	2½ x ¼" \$.05 2.70	
	3 x ¼" ..... .05 2.90	
	Leather Washers Per M—\$1.80	

Page		Price
	SINK TRAPS	
27	Fig. 138—Pitcher Trap with Brass Plug Plain Galv. 1 1/4"	\$1.43 \$2.42
27	Fig. 425—Bottle Trap with Brass Plug Female Inlet and Outlet 1 1/4" 1 1/2" Fig. 425M—Male Inlet with N. P. Slip Nut 1 1/4" 1 1/2"	\$1.10 \$1.90 1.50 2.30 \$1.50 \$2.30 2.16 2.96
27	Fig. 187—Flask Trap with Brass Plug 1 1/4"	\$1.20 \$1.80
27	Fig. 438—Threaded Sink Coupling 1 1/4" IP—Male Thread For use with Fig. 425 and Fig. 187 Traps.	.36 .70

	"P" AND "S" TRAPS With Brass Cleanout Plug	
27	†Fig. 500—Short P Trap 1 1/4" IP 1 1/2" IP 2" IP .....	.76 \$.96 .80 1.00 1.00 1.30
28	Fig. 501—Short S Trap 1 1/4" IP 1 1/2" IP 2" IP	\$1.20 \$1.80 1.60 2.40 2.10 3.00
28	Fig. 502—Running Trap 1 1/4" IP 1 1/2" IP 2" IP	\$1.10 \$1.80 1.30 2.00 1.80 2.70

	LONG "P" TRAPS	
28	Fig. 557—Bell Inlet—Female Outlet Fig. 558—Threaded Male Inlet—Female Outlet Fig. 559—Bell Inlet—Male Outlet Fig. 560—Threaded Male Inlet—Male Outlet 1 1/4" IP 1 1/2" IP	\$1.05 \$1.61 1.40 2.10

	LONG "S" TRAPS	
29	Fig. 561—Bell Inlet—Male Outlet Fig. 562—Threaded Male Inlet—Male Outlet 1 1/4" 1 1/2"	\$2.10 \$3.15 2.80 4.06

	REFRIGERATOR DRAINS	
	Plain Alum. Galv.	
29	Fig. 412—Round 1 1/4" or 1 1/2" IP ...	\$.64 \$.72 \$1.04
30	Fig. 508—Oblong 1 1/4" or 1 1/2" IP ...	.88 1.37
30	†Fig. 408—Round Sink 1 1/2" or 2" IP	1.70 2.80
30	*Fig. 524—New York Cistern Drainer C. I.	\$2.50

	CLOSET FLOOR FLANGES	
30	Fig. 505—Brass 4" x 1/4" Standard Fig. 506—Brass 4" x 7/8" Heavy Fig. 506 1/2—Iron 4 1/4" x 1 3/8" Heavy	\$.36 .60 .24

Page		Price
31	Fig. 507—Boston Pattern—Iron 4 or 4 1/4" x 2 1/2" deep 4 or 4 1/4" x 4" deep 4 or 4 1/4" x 6" deep	\$.30 .60 1.40
31	Fig. 512—Philadelphia Pattern—Iron 4" x 2" deep 4 or 4 1/4" x 2 1/2" deep 4 or 4 1/4" x 4" deep 4 or 4 1/4" x 6" deep For Additional Closet Floor Flanges see page 2 of Supplement.	.30 .30 .60 1.40
31	Fig. 549—Hub Connections—Straight Spigot 2 x 1 1/2" 2 x 2" Fig. 550—Hub Connections—1/8 Bend 2 x 1 1/2" 2 x 2"	\$.44 .44 \$.70 .70

	CLOSET BENDS	
31	Fig. 546—Hub Inlet—R. and L. Openings Staggered—No Flange Required 4 x 4 x 14—2 Tappings 1 1/2" or 2" IPS 4 x 4 x 16—2 Tappings 1 1/2" or 2" IPS 4 x 4 x 18—2 Tappings 1 1/2" or 2" IPS 3 x 4 x 16—546T3—2 Tappings, 1 1/2" or 2" IPS	\$2.30 2.30 2.70 2.30
32	Fig. 552—Plain Bend—Not Tapped—With Flange Std. X. H. 4 x 6 x 18 4 x 8 x 18 4 x 10 x 18 4 1/4" EX. H. sizes same as 4" prices.	\$2.20 \$2.30 2.50 2.60 2.80 2.90
32	Fig. 553—Extra Heavy—With Flange—2" Y Hub Inlets One "Y" Two "Y" 4 1/4 x 6 x 18 4 1/4 x 8 x 18 4 1/4 x 10 x 18 For each additional "T" Tapping—Add For each additional "Y" Tapping—Add For each closet bend less flange—Deduct For additional Closet Bends see Page 2 of Supplement.	\$3.80 \$4.70 4.80 5.70 6.00 7.00 .16 .30 .20

	UNION FERRULES	
32	Fig. 513—Solder Joint Iron Body All Brass No. 1 2 x 1 1/4" No. 2 2 x 1 1/2" No. 3 2 x 2"	\$.90 \$1.54 .90 1.54 1.35 2.20
33	Fig. 513B—Solder Joint, 1/8 Bend No. 4 2 x 1 1/4" No. 5 2 x 1 1/2" No. 6 2 x 2"	1.08 1.98 1.08 1.98 1.53 2.64
33	Fig. 514—Solder Joint—Female Thread No. 7 1 1/4 x 1 1/4" No. 8 1 1/4 x 1 1/2" No. 9 1 1/2 x 1 1/2" ....	.90 1.54 1.08 1.76 1.08 1.76
33	Fig. 514M—Solder Joint—Male Thread No. 10 1 1/4 x 1 1/4" No. 11 1 1/4 x 1 1/2" No. 12 1 1/4 x 2" No. 13 1 1/2 x 1 1/2" No. 14 1 1/2 x 2" .....	.99 1.65 .99 1.65 1.08 1.76 .99 1.65 1.08 1.76

Page				Price
33	Fig. 516—Clamp Joint			
			Iron Body All Brass	
	No. 15	2 x 1 1/4"	.....	.81 1.43
	No. 16	2 x 1 1/2"	.....	.99 1.65
34	Fig. 517—Clamp Joint—1/8 Bend			
	No. 17	2 x 1 1/4"	.....	.99 1.87
	No. 18	2 x 1 1/2"	.....	1.17 2.09
34	Fig. 518—Clamp Joint—Female Thread			
	No. 19	1 1/4 x 1 1/4"	....	.81 1.43
	No. 20	1 1/4 x 1 1/2"	....	.99 1.65
	No. 21	1 1/2 x 1 1/2"	....	.99 1.65
34	Fig. 518M—Clamp Joint—Male Thread			
	No. 22	1 1/4 x 1 1/4"	....	.90 1.54
	No. 23	1 1/4 x 1 1/2"	....	.90 1.54
	No. 24	1 1/4 x 2"	.....	.99 1.65
	No. 25	1 1/2 x 1 1/2"	....	1.08 1.76
	No. 26	1 1/2 x 2"	.....	1.17 1.87
34	Fig. 519—Clamp Joint—Brass Sleeves			
	No. 27	2 x 1 1/4"	.....	1.17 1.87
	No. 28	2 x 1 1/2"	.....	1.35 2.09
35	519B—Clamp Joint—1/8 Bend—Brass Sleeve			
	No. 29	2 x 1 1/4"	.....	1.35 2.20
	No. 30	2 x 1 1/2"	.....	1.53 2.42
	Fig. 518L—Clamp Joint—Lead to Lead			
	(Not Illustrated)			
	No. 31	1 1/4 x 1 1/4"	....	.81 1.43
	No. 32	1 1/2 x 1 1/2"	....	.99 1.65
35	*Fig. 153—Melting Pots—Cast Iron			
				Each
	4"	.....		\$.40
	5"	.....		.44
	6"	.....		.70
	7"	.....		1.04
	8"	.....		1.32
	9"	.....		1.90
	10"	.....		2.20
	12"	.....		3.70
	13 1/2"	.....		4.80
	15"	.....		10.80
	18"	.....		30.00
35	*Fig. 421—Melting Ladles—Maleable Iron			
	2 1/2"	.....		\$.28
	3"	.....		.40
	3 1/2"	.....		.50
	4"	.....		.55
	5"	.....		.82
	6"	.....		1.00
35	*Fig. 357—Melting Ladles—Cast Iron Bowl, Wrought Iron Handle			
	5" ..	\$3.30	8" .. \$5.96	10" .. \$8.26

BOILER STANDS

36	Fig. 358—Tripod Adjustable Boiler Stand			
			Plain Galv.	
	No. 10—12" high	.....	\$.50	\$.90
36	Fig. 563—Reversible Boiler Stand			
	8" high	.....	.52	
	12" high	.....	.54	
36	Fig. 155—Lockwood Ring Boiler Stand			
	11 1/2" to 12 1/2"	.....	1.88	3.75
	14" and 14 1/2"	.....	2.10	4.05
	16"	.....	2.62	4.88
	18"	.....	3.75	7.12
	20"	.....	4.50	8.25
	22"	.....	5.25	9.75
	24"	.....	6.00	11.25

Page				Price
36	Fig. 510—Skeleton Ring Boiler Stand—Tapped			
	12"	.....	1.20	1.80
	14"	.....	1.50	2.50
	16"	.....	2.00	3.50
37	Fig. 151—New England Pattern Boiler Stand			
	11 1/2" to 12 1/2"	.....	1.60	2.70
	14" and 14 1/2"	.....	1.90	2.90
37	Repair Parts—Ring Boiler Stands			
	25% off Catalog Lists.			
	For Additional Boiler Stands see Page 1 of Supplement.			
37	Fig. 157—Adjustable Sink Legs			
	Each	.....	2.76	4.68
37	Fig. 159—Wash Tray Legs—Alberene Pattern			
	No. 2 16" high x 18" wide ..	1.10	2.28	
	No. 2X 16" high x 17" wide ..	.98	1.97	
	No. 3 18" high x 16" wide ..	1.18	2.40	
	No. 4 18" high x 18" wide ..	1.30	2.64	
38	Fig. 360—Laundry Tray Frames			
	No. 2 and 102	.....	1.60	
	No. 6 and 106	.....	1.60	
	No. 10 and 110	.....	2.40	
38	Fig. 551—Perforated Hanger Bar			
				Per 100 ft.
	No. 1 3/4" x 16 gauge	.....	\$2.88	
	No. 2 7/8" x 16 gauge	.....	3.45	
	No. 3 1" x 14 gauge	.....	4.90	
	No. 4 1 1/8" x 12 gauge	.....	6.32	
38	Fig. 139—Iron Drive Ferrules			
	2 x 3"	.....	\$.12	
	2 x 4 1/2"	.....	.18	
	3 x 3 1/4"	.....	.16	
	4 x 1 1/2"	.....	.16	
	4 x 3 1/4"	.....	.20	
	4 x 4 1/2"	.....	.30	
38 †	CONNOLLY SADDLE HUBS			

	Fig. 166 Tee Hub		Fig. 167 Y Hub	
	Std.	X. H.	Std.	X. H.
2 x 2	\$.66	\$.78	\$.80	\$.82
3 x 2	.78	.90	.88	1.02
3 x 3	.82	1.04	.96	1.14
4 x 2	.80	.92	.90	1.04
4 x 3	.88	1.04	1.04	1.20
4 x 4	1.00	1.10	1.14	1.36
5 x 2	1.00	1.10	1.06	1.24
5 x 3	1.04	1.20	1.14	1.44
5 x 4	1.14	1.32	1.32	1.70
5 x 5	1.26	1.44	1.54	2.02
6 x 2	1.04	1.14	1.10	1.32
6 x 3	1.14	1.26	1.22	1.44
6 x 4	1.26	1.44	1.36	1.76
6 x 5	1.36	1.76	1.70	2.10
6 x 6	1.48	2.02	2.10	2.54

39	Fig. 511—Repair Plates—For Soil Pipe			
	2"	.....	\$.24	
	3"	.....	.37	
	4"	.....	.48	
	5"	.....	.70	
	6"	.....	.95	

FRESH AIR INLETS

	No. 1 Fig. 170 Fits Soil Pipe Hub	No. 2 Fig. 171 Fits Soil Pipe Spigot	No. 3 Fig. 172 Adjustable
2"	\$.19	\$.19	
3" .....	.25	.25	
4" .....	.32	.32	.44
5" .....	.51	.51	
6" .....	.77	.77	

VENT CAPS

- 39 Fig. 429
4" with Set Screw \$.44
- 40 Fig. 526—Vent Cap—Ready Pattern
Fits into Spigot End of Soil Pipe
- | | |
|----------|-------|
| 2" | \$.76 |
| 3" | .82 |
| 4" | 1.00 |
| 5" | 1.56 |
| 6" | 1.94 |
- If furnished with Set Screw—Add20

40 SHORT CALKING VENT CAPS

	Fig. 527 With Spigot End		Fig. 528 With Hub End	
	Std.	X. H.	Std.	X. H.
2"	\$.70	\$.86	\$1.32	\$1.60
3" .....	.81	.99	1.38	1.67
4"	1.03	1.28	1.50	1.78
5"	2.14	2.58	2.53	3.14
6"	2.28	2.86	3.00	3.74

VENT FITTINGS

- 41 Fig. 173—Manhoff Hub—Tapped Small End
- | | |
|----------------------------------------|-------|
| 2 x 1 1/4" — 2 x 1 1/2" — 2 x 2" | \$.28 |
| 3 x 1 1/4" — 3 x 1 1/2" — 3 x 2" | .40 |
| 4 x 1 1/4" — 4 x 1 1/2" — 4 x 2" | .56 |
| 5 x 1 1/4" — 5 x 1 1/2" — 5 x 2" | 1.00 |

41 + MANHOFF SLEEVES

	Fig. 174 Short Calking Sleeve	Fig. 175 Long Calking Sleeve
2 x 1 1/4"	\$.16	\$.60
2 x 1 1/2" .....	.16	.60
2 x 2" .....	.30	.60

INCREASERS

- 42 Fig. 531—Short Increaser
- | | Std. | X. H. |
|----------------------------------|--------|--------|
| 2 x 3" and 2 x 4" | \$1.10 | \$1.37 |
| 2 x 5" | 1.56 | 1.92 |
| 2 x 6" | 2.40 | 2.84 |
| 3 x 4" — 3 x 5" and 3 x 6" | 2.40 | 2.84 |
| 4 x 5" and 4 x 6" | 2.40 | 2.84 |
| 5 x 6" | 3.00 | 3.74 |
| 5 x 8" | 2.64 | 6.60 |

- 42 Fig. 532—Tapped Increasers
- | | | |
|--------------------------------------|------|------|
| 1 1/4" x 3", 1 1/2" x 3", 2" x 3" .. | 1.73 | 2.08 |
| 1 1/4" x 4", 1 1/2" x 4", 2" x 4" .. | 1.85 | 2.40 |

Fig. 533—Extra Heavy Long Increaser

2" x 3" x 24"	\$2.18
2" x 4" x 30"	2.52
4" x 5" x 30"	3.04

Fig. 534
Single Hub
Std. X. H.Fig. 535
Double Hub
Std. X. H.

	Std.	X. H.	Std.	X. H.
2 x 2"	\$.62	\$.74	\$.50	\$.58
3 x 3" .....	.79	1.10	.62	.94
4 x 4" .....	.86	1.10	.74	.94
5 x 5"	1.54	1.92	1.25	1.56
6 x 6"	2.26	3.00	1.44	1.92
8 x 8"	3.32	4.64	3.30	4.64

SLEEVES

- 43 Fig. 536—For Joining Two Hubs
- | | Std. | X. H. |
|-------------------|-------|-------|
| 2" x 3 3/4" | \$.74 | \$.94 |
| 3" x 5 1/2" | .94 | 1.15 |
| 4" x 5" | .94 | 1.15 |
| 5" x 6 1/4" | 1.56 | 1.92 |
| 6" x 6 3/4" | 2.26 | 2.84 |
| 8" x 8" | 3.30 | 4.64 |

43 Fig. 537—Reducers

	Std.	X. H.
3 x 2" and 4 x 2"	\$.50	\$.58
4 x 3" .....	.58	.70
5 x 2"—3"—4" .....	.74	.94
6 x 2" .....	.74	.94
6 x 3"—4"—5"	1.06	1.32
8 x 6"	3.32	5.64

44 Fig. 538—Hub Plug

	Std.	X. H.
2"	\$.34	\$.38
3" .....	.50	.58
4" .....	.58	.74
5" .....	.74	.94
6" .....	.94	1.10
8"	1.58	2.00

44 Fig. 539—Pipe Rest

	Std.	X. H.
2"	\$.38	\$.50
3" .....	.50	.58
4" .....	.50	.58
5" .....	.94	1.12
6"	1.20	1.44
8"	2.18	2.80

TEST PLUGS

- 45 Fig. 580
Single Plug
- | | Fig. 580
Single Plug | Fig. 581
Ratchet Plug |
|-----------|-------------------------|--------------------------|
| 2" | \$1.14 | \$1.28 |
| 3" | 1.48 | 1.66 |
| 4" | 2.06 | 2.30 |
| 5" | 2.38 | 2.66 |
| 6" | 2.78 | 3.12 |
| 8" | 4.84 | 5.42 |
| 10" | 8.20 | 9.20 |

Extra Rubbers for Test Plugs

2"	\$.14
3" .....	.32
4" .....	.60
5" .....	.88
6"	1.00
8"	2.68
10"	4.65

Page		Price	Page		Price
45	Fig. 582		46	Fig. 585	
	Wrench for Ratchet Plugs	\$.36		Test Tee Plug	
45	Fig. 583	Fig. 584		Fig. 586	
	Smoke Plug	Double Plug		Double Tee Plug	
2"	.....\$3.36	\$ 4.52	2"	.....\$ 9.08	\$ 6.68
3"	.....4.32	6.26	3"	.....10.16	8.64
4"	.....6.00	8.10	4"	.....11.66	11.34
5"	.....6.96	10.80	5"	.....12.52	14.26
6"	.....8.16	13.40	6"	.....13.60	17.18
8"	.....	19.66	7"	.....	20.96
10"	.....	24.84	8"	.....25.38	26.56
12"	.....	30.34	10"	.....31.64	
			46	Fig. 587—Double Y Branch	
			2"	3" 4" 6" 8" 10"	
			\$4.76	\$6.70 \$8.64 \$14.26 \$20.94 \$26.68	

SUPPLEMENT BULLETIN NO. 311

Dated April 1, 1936

Page		Price	Page		Price
1	Fig. 623—Universal Boiler Stand		3	Fig. 634—Floor Drain—Ball Type	
	Packed in Cartons			4" Water Seal	
9a—	Alum. Fin. C. I. Tee	\$1.50		Complete	Without
9b—	Alum. Fin. Galv. Mall Tee	1.80			Ball Valve
9c—	All Galv. and Mall Tee	2.50	2"	.....\$ 4.20	\$ 2.50
1	Fig. 619—Tapped Boiler Rings		3"	.....9.40	7.00
	Plain Galv.		4"	.....12.00	9.00
12"	.....\$ .90	\$1.40	3	†C. I. Anti-Syphon Traps—Adjustable	
14"	.....1.00	1.60		Plain Galv.	
16"	.....1.50	2.50	Fig. 635		
18"	.....2.00	3.00	No. 1—P Trap—1½"	\$1.00	\$1.80
20"	.....2.90	4.40	Fig. 636		
22"	.....3.60	5.40	No. 3—S Trap—1½"	1.30	2.20
24"	.....4.40	6.60	Fig. 637		
1	*Fig. 564—Hot Water Heating Coil		No. 5—Swivel Trap—1½" ...	2.70	3.50
	Tapped 1" or ¾"	\$3.08	Fig. 637-E—With Elbow		
1	*Fig. 621—Fire Pot Heater		Swivel Trap—1½"	2.70	3.50
	No. 3	\$5.00	4	*Pouring Pots	
2	Closet Bends—With Flange		No. 1 8" Dia.	\$3.20	
	4" Outlet		No. 2 9½" Dia.	4.80	
	554 555-T 555-Y		4	Swivel Traps—Adjustable	
4 x 4 x 16	\$2.00 \$2.30 \$2.60			With Brass Cleanout	
4 x 6 x 16	2.00 2.30 2.60			Plain Galv.	
Closet Bends—3" Outlet			Fig. 616—No. 1		
3 x 4 x 16 554	\$2.00 with flange		1½" IPS	\$1.20	\$1.70
3 x 4 x 16 554T3	2.30 with flange		Fig. 617—No. 2		
3 x 4 x 16 546T3	2.30 no flange		1½" IPS	1.20	1.70
For each additional "T" Tapping—Add .16			Fig. 618—No. 3		
For each additional "Y" Tapping—Add .30			1½" IPS	1.50	2.00
For each Closet Bend less Flange—Deduct .20			4	†Fig. 615—Return Bends (4x5 Drum Trap)	
2	CLOSET FLOOR FLANGES			Male Inlet—Female Outlet	
Fig. 566			6" 1½" IPS	\$.70	\$1.16
4" x 2" deep Half Slot	\$.30		8" 1½" IPS	1.20	2.00
Fig. 567			4	*Fig. 565—Furnace Check Dampers—For Use	
4" x 2" deep Full Slot .....	.30			on Sheet Iron Furnace Pipe	
4" x 2½" deep Full Slot .....	.30		No. 1 5 " x 11"	\$1.06	
4" x 4" deep Full Slot .....	.70		No. 2 5¼" x 12"	1.12	
4" x 6" deep Full Slot	1.50				
2	Fig. 633—Side Outlet Floor Drain				
2"	.....\$2.00				
3"	.....5.00				
4"	.....6.80				

TERMS AND CONDITIONS

TERMS—Net 30 days.

1st to 15th—2% on 25th.

16th to 30th—2% on 10th.

6% interest on overdue accounts.

FREIGHT ALLOWANCE—Under 300 lbs. F.O.B. Medina. Over 300 lbs. up to \$1.00 per cwt. Freight to New York only allowed on export shipments.

MINIMUM INVOICE CHARGE—25 cents. Service charge of 10% on shipments under \$5.00.

PACKING CHARGES—Special packing for express or parcel post charged at cost. Export packing extra, usually about 10% of value of shipment.

DAMAGE CLAIMS—Must be made by customer directly against the carrier. Our responsibility ceases on delivery to carrier. We will assist customers in every way to collect such claims.

RETURNED GOODS—Do not return material for credit without first getting our consent. A charge of 10% plus transportation is regularly made for returning standard material into stock. Damaged goods or material not regularly carried in stock cannot be taken back.

A. L. SWETT IRON WORKS

